

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

August 30, 2007

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill
Ashley Federal G-12-9-15
South Wells Draw Federal M-10-9-16
South Wells Draw Federal N-10-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. Our Land Department will send you the required Direction Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
SEP 05 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

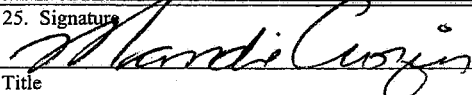

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-72107 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A |
| 2. Name of Operator Newfield Production Company | | 7. If Unit or CA Agreement, Name and No. South Wells Draw Unit |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | 8. Lease Name and Well No. South Wells Draw Federal N-10-9-16 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43-013-33779 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 2151' FSL 623' FWL At proposed prod. zone NW/SW 2642' FSL 1320' FWL | | 10. Field and Pool, or Exploratory Monument Butte |
| 14. Distance in miles and direction from nearest town or post office* Approximately 16.5 miles southwest of Myton, Utah | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R16E |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lse, 3960' f/unit | 16. No. of Acres in lease 400.00 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1212' | 19. Proposed Depth 6200' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5712' GL | 22. Approximate date work will start* 4th Quarter 2007 | 23. Estimated duration Approximately seven (7) days from spud to rig release. |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|---|------------------|
| 25. Signature  | Name (Printed/Typed) Mandie Crozier | Date 8/30/07 |
| Title Regulatory Specialist | | |
| Approved by (Signature)  | Name (Printed/Typed) BRADLEY G. HILL | Date 09-17-07 |
| Title Off ENVIRONMENTAL MANAGER | | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

8ur f

575 754X
443 2805Y
40.043973
-110.111993

BHL
575965X
4432 956Y
40.045314
-110.109501

RECEIVED

SEP 05 2007

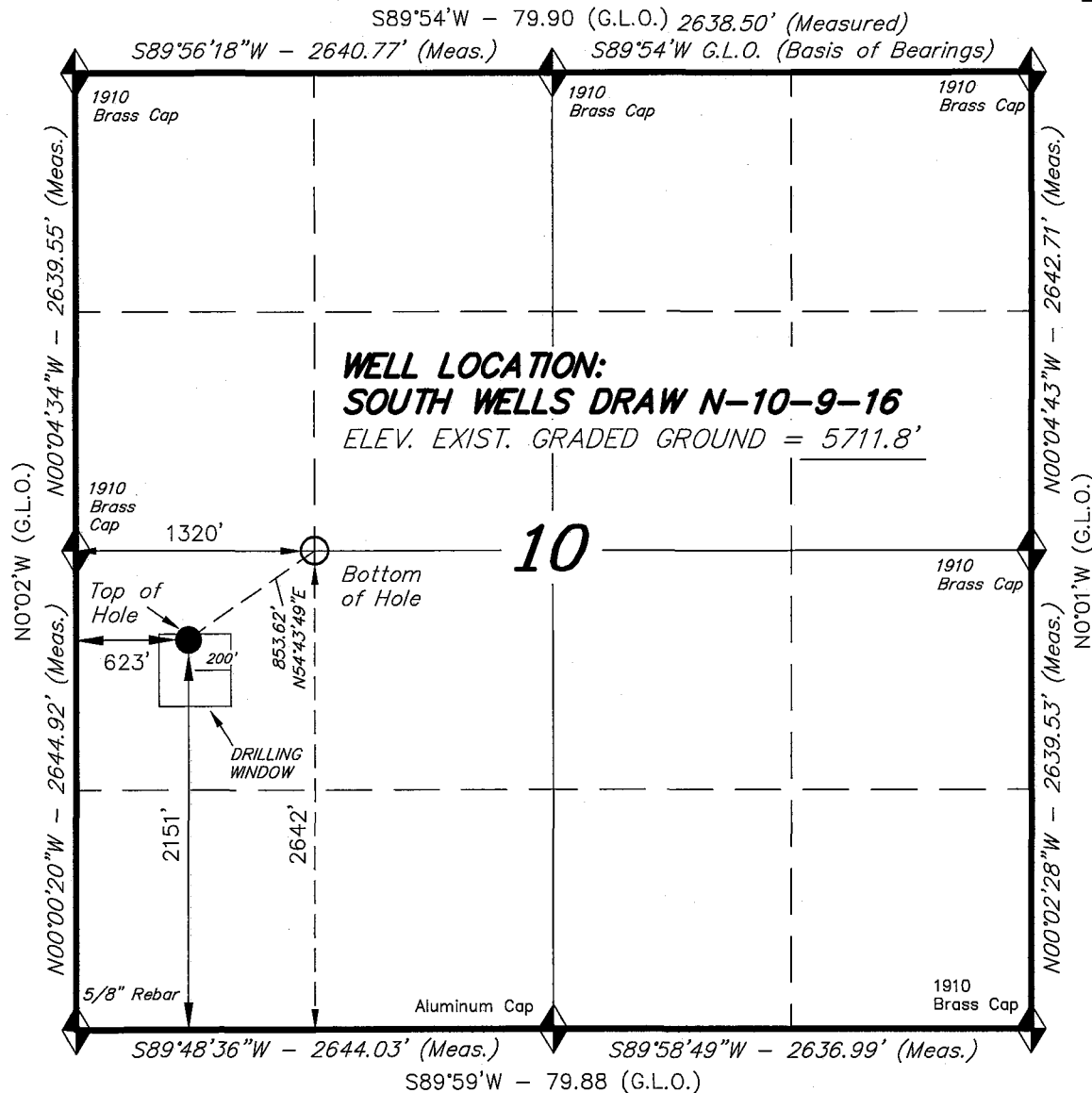
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

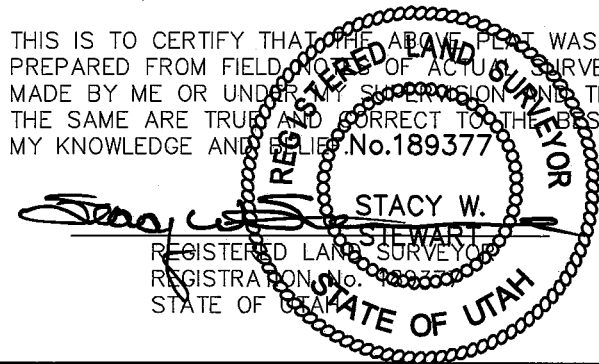
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SOUTH WELLS DRAW
N-10-9-16, LOCATED AS SHOWN IN THE
NW 1/4 SW 1/4 OF SECTION 10, T9S,
R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SOUTH WELLS DRAW N-10-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 38.36"
LONGITUDE = 110° 06' 45.44"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 06-18-07 | SURVEYED BY: T.H. |
| DATE DRAWN: 07-09-07 | DRAWN BY: F.T.M. |
| REVISED: | SCALE: 1" = 1000' |

**NEWFIELD PRODUCTION COMPANY
SOUTH WELLS DRAW FEDERAL #N-10-9-16
AT SURFACE: NW/SW SECTION 10, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | |
|-------------|------------|
| Uinta | 0' – 2150' |
| Green River | 2150' |
| Wasatch | 6200' |

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2150' – 6200' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SOUTH WELLS DRAW FEDERAL #N-10-9-16
AT SURFACE: NW/SW SECTION 10, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site South Wells Draw Federal #N-10-9-16 located in the NW 1/4 SW 1/4 Section 10, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 11.7 miles \pm to it's junction with an existing dirt road to the northeast; proceed in a northeasterly and then southeasterly direction - 3.2 miles \pm to the existing South Wells Draw 12-10-9-16 well lcoation.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing South Wells Draw 12-10-9-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the South Wells Draw 12-10-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed South Wells Draw Federal N-10-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed South Wells Draw Federal N-10-9-16 will be drilled off of the existing South Wells Draw 12-10-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-286, 8/3/07. Paleontological Resource Survey prepared by, SWCA, August 16, 2007. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 240' of disturbed area be granted in Lease UTU-72107 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities

will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

| | | |
|----------------|-------------------------------|------------|
| Squirrell Tail | | 6 lbs/acre |
| Shadscale | <i>Atriplex Confertifolia</i> | 6 lbs/acre |

Details of the On-Site Inspection

The proposed South Wells Draw Federal N-10-9-16 was on-sited on 8/28/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

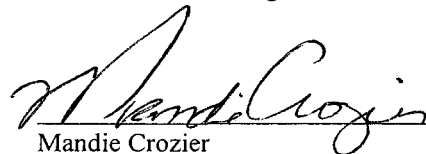
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #N-10-9-16 NW/SW Section 10, Township 9S, Range 16E: Lease UTU-72107 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/30/07

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SOUTH WELLS DRAW N-10-9-16 (Proposed Well)

SOUTH WELLS DRAW 12-10-9-16 (Existing Well)

Pad Location: NWSW Section 10, T9S, R16E, S.L.B.&M.

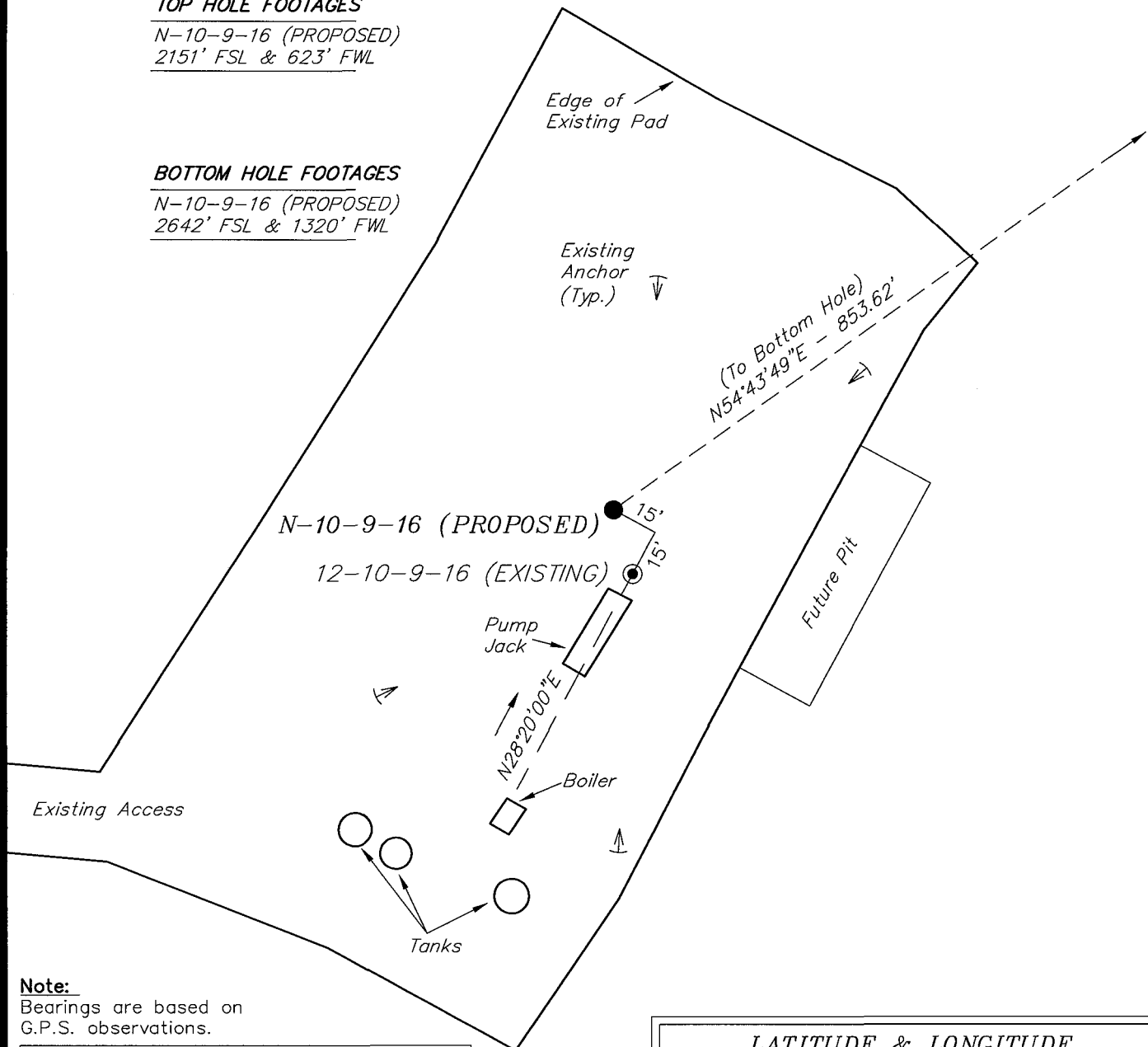


TOP HOLE FOOTAGES

N-10-9-16 (PROPOSED)
2151' FSL & 623' FWL

BOTTOM HOLE FOOTAGES

N-10-9-16 (PROPOSED)
2642' FSL & 1320' FWL



Note:

Bearings are based on
G.P.S. observations.

RELATIVE COORDINATES From top hole to bottom hole

| WELL | NORTH | EAST |
|-----------|-------|------|
| N-10-9-16 | 493' | 697' |

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

| WELL | LATITUDE | LONGITUDE |
|--------------|----------------|-----------------|
| N-10-9-16 | 40° 02' 38.36" | 110° 06' 45.44" |
| Exist. 12-10 | 40° 02' 38.16" | 110° 06' 45.37" |

SURVEYED BY: T.H. DATE SURVEYED: 06-18-07
DRAWN BY: F.T.M. DATE DRAWN: 07-10-07
SCALE: 1" = 50' REVISED:

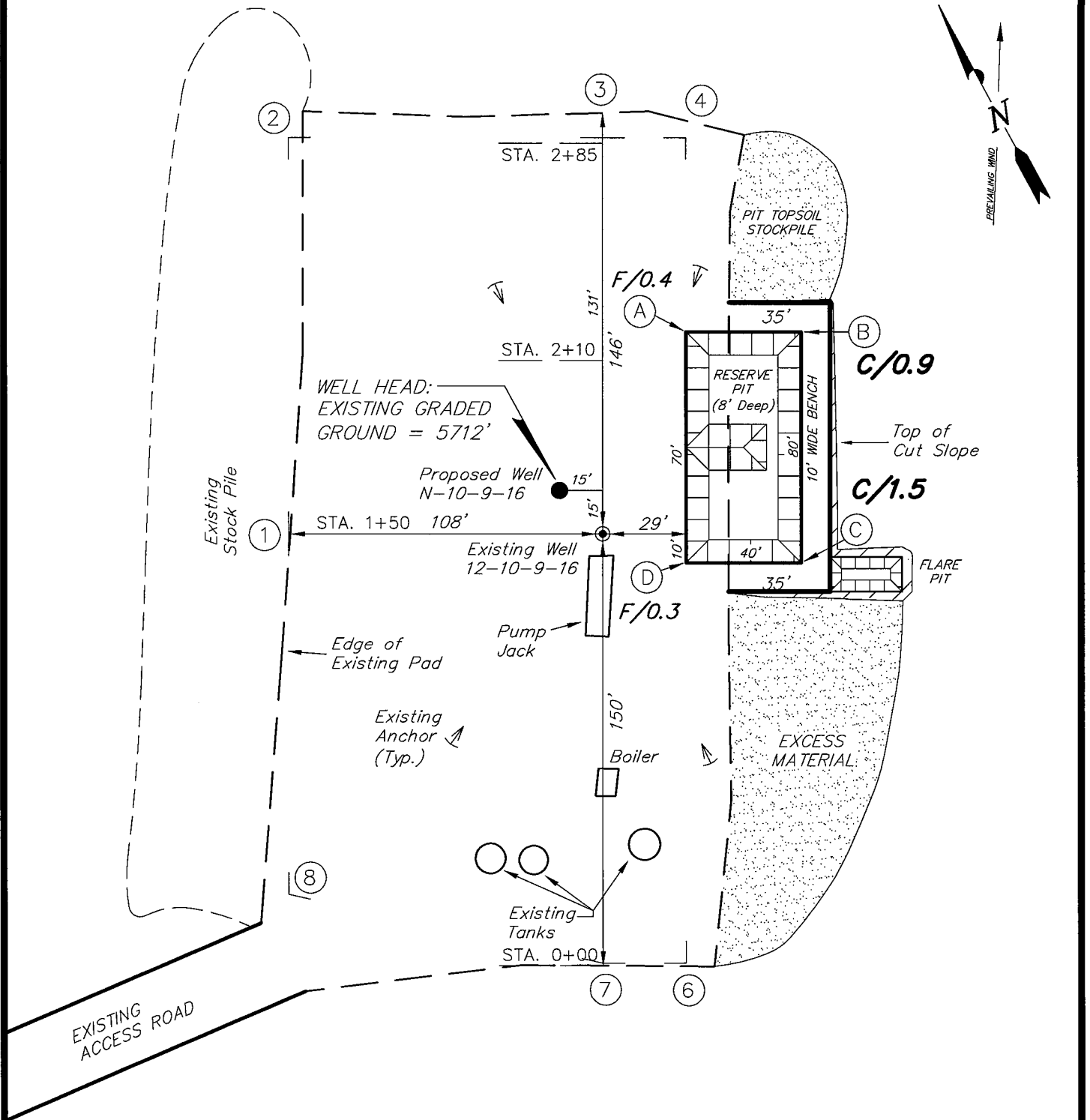
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Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

SOUTH WELLS DRAW N-10-9-16 (Proposed Well)

SOUTH WELLS DRAW 12-10-9-16 (Existing Well)

Pad Location: NWSW Section 10, T9S, R16E, S.L.B.&M.



SURVEYED BY: T.H.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 07-10-07

Tri State
Land Surveying, Inc.

(435) 781-2501

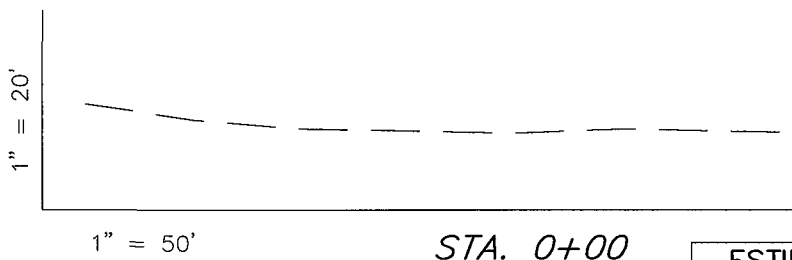
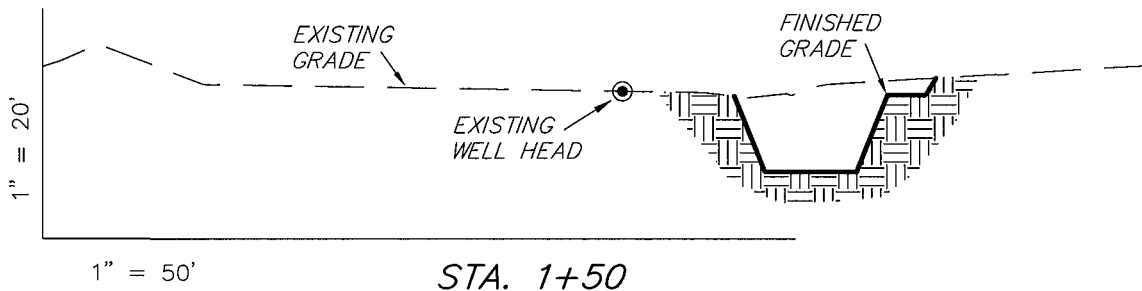
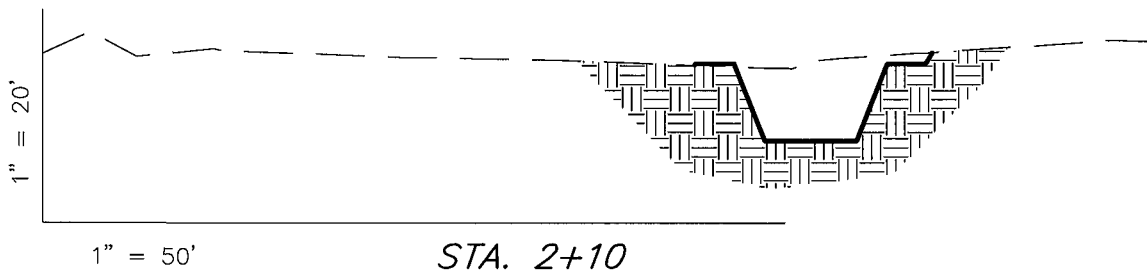
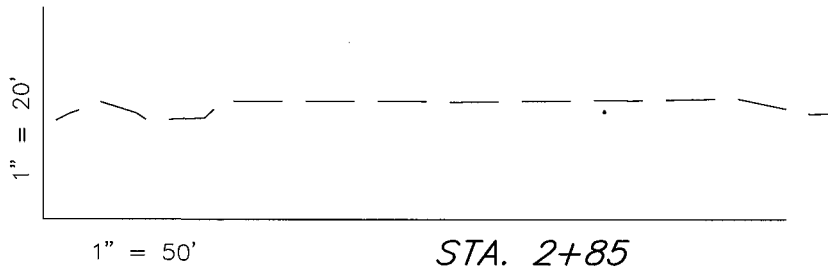
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SOUTH WELLS DRAW N-10-9-16 (Proposed Well)

SOUTH WELLS DRAW 12-10-9-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-----|------|--|--------|
| PAD | 30 | 30 | Topsoil is not included in Pad Cut | 0 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 670 | 30 | 130 | 640 |

SURVEYED BY: T.H.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 07-10-07

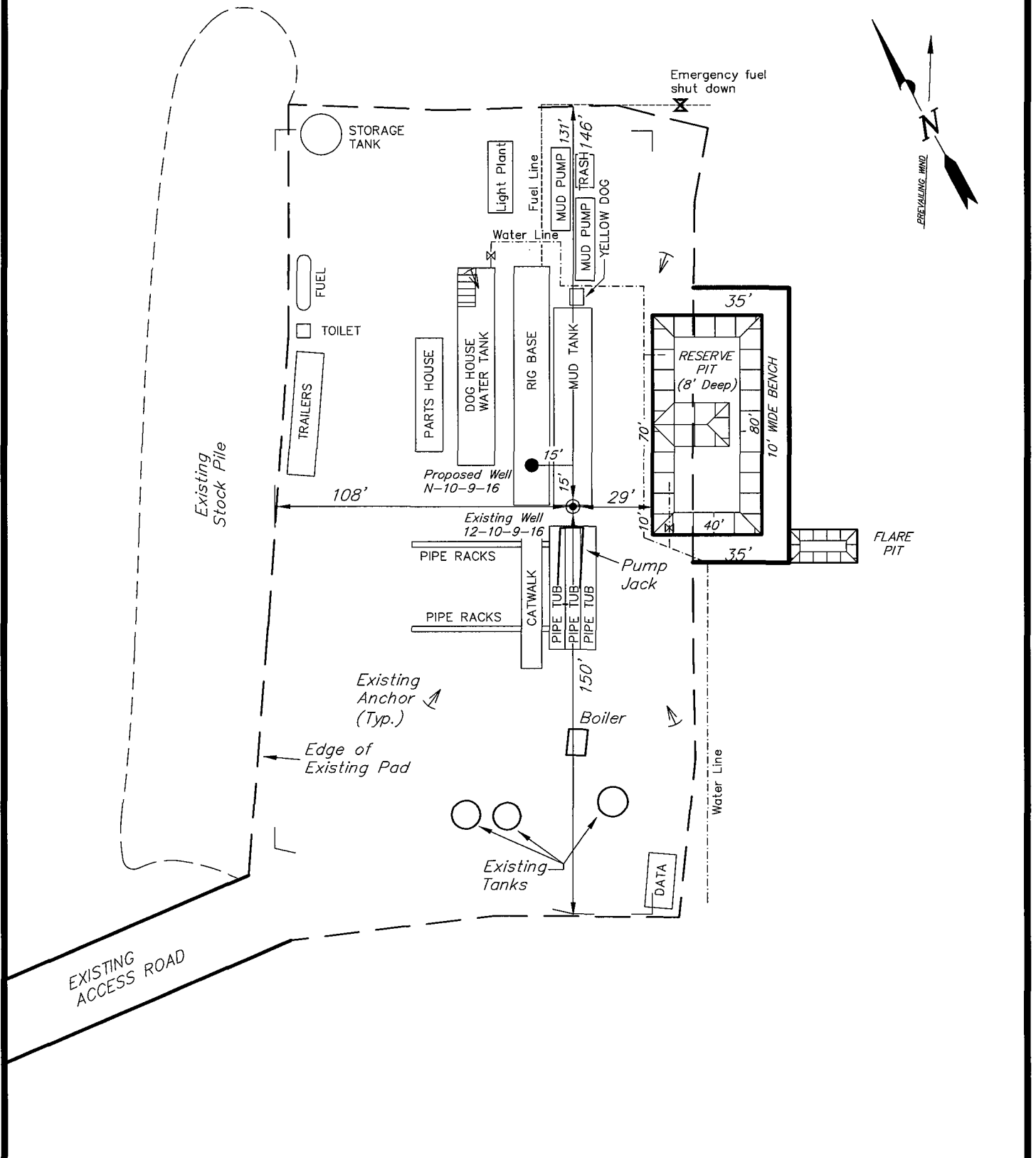
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(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SOUTH WELLS DRAW N-10-9-16 (Proposed Well)

SOUTH WELLS DRAW 12-10-9-16 (Existing Well)



SURVEYED BY: T.H.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 07-10-07

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

South Wells Draw Federal N-10-9-16

From the 12-10-9-16 Location

NW/SW Sec. 10 T9S, R16E

Duchesne County, Utah

UTU-72107

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

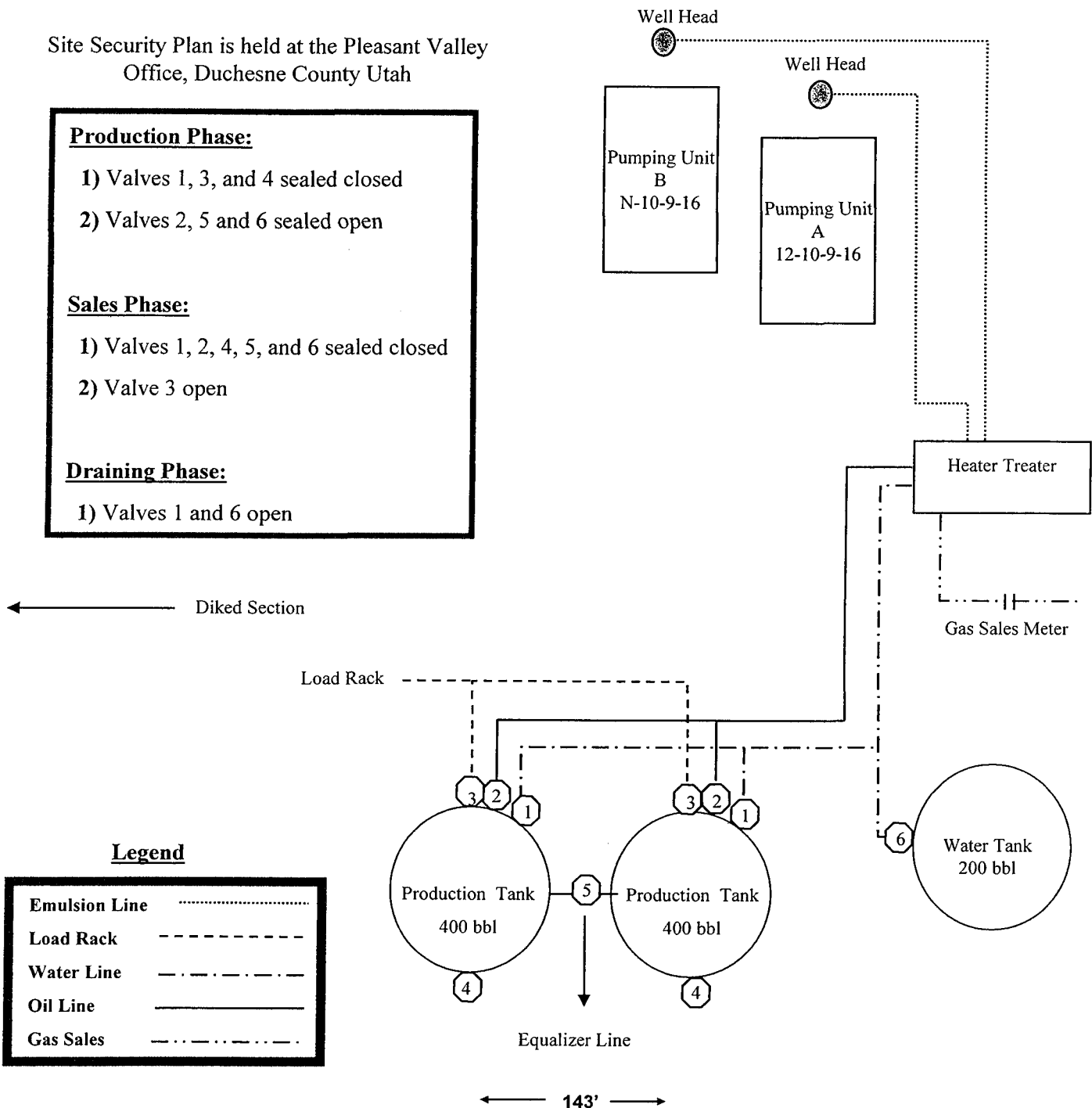
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

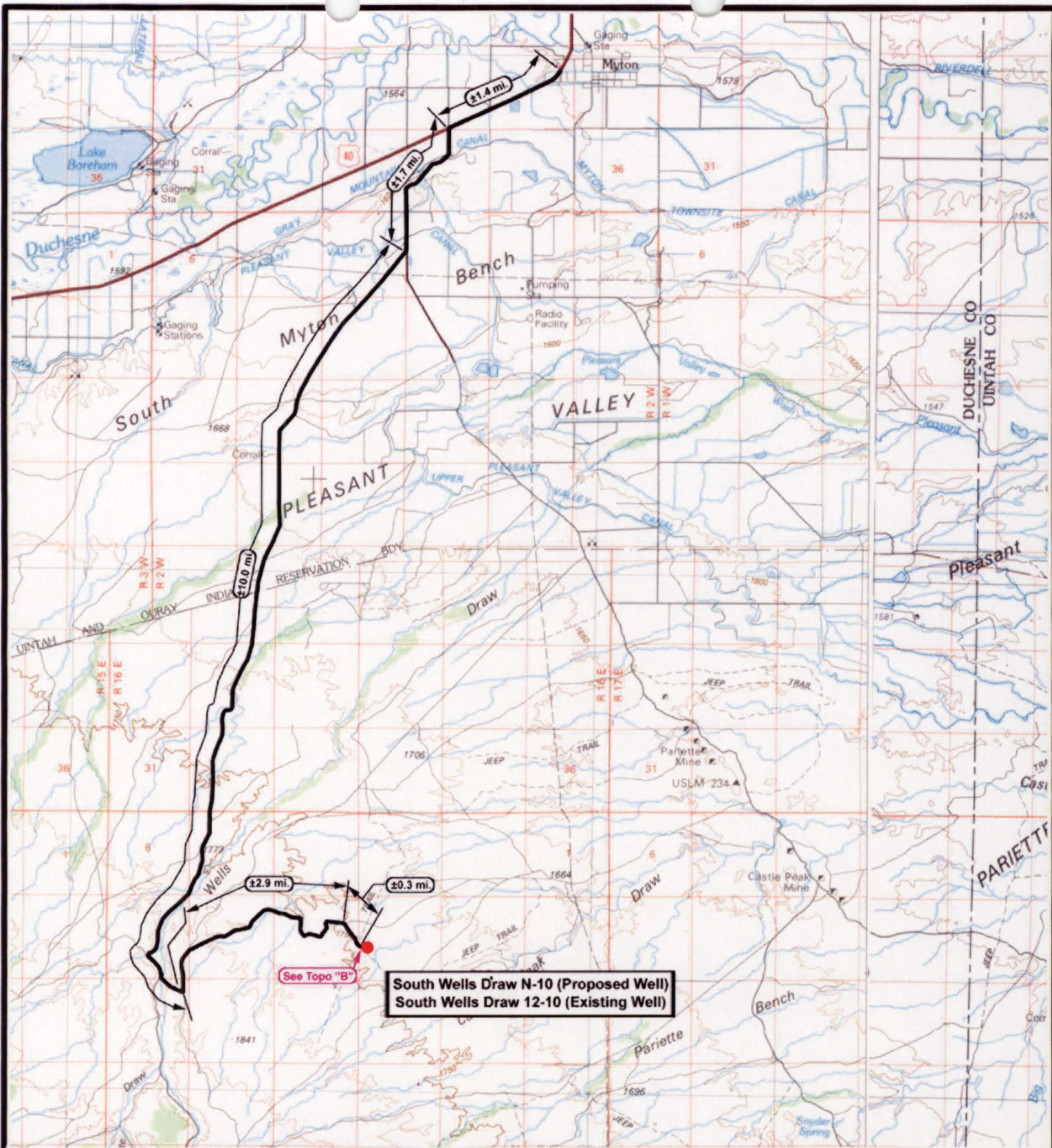
Sales Phase:


- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open







NEWFIELD
Exploration Company

South Wells Draw N-10-9-16 (Proposed Well)
South Well Draw 12-10-9-16 (Existing Well)
 Pad Location: NWSW SEC. 10, T9S, R16E, S.L.B.&M.



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Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 07-16-2007


Legend

Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

South Wells Draw N-10-9-16 (Proposed Well)
South Well Draw 12-10-9-16 (Existing Well)
 Pad Location: NWSW SEC. 10, T9S, R16E, S.L.B.&M.



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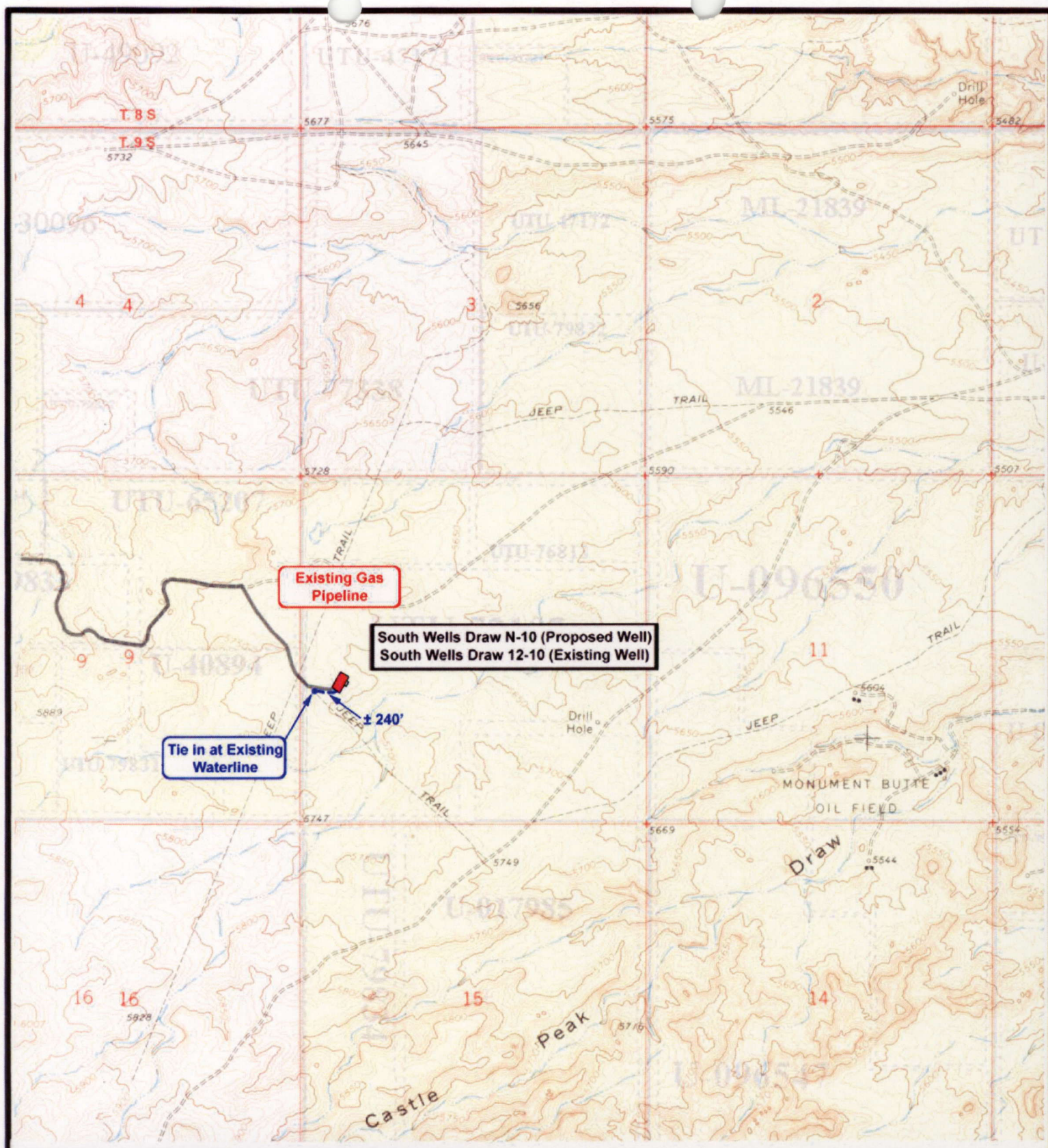
SCALE: 1" = 2000'
 DRAWN BY: mw
 DATE: 07-16-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

South Wells Draw N-10-9-16 (Proposed Well)
South Well Draw 12-10-9-16 (Existing Well)
Pad Location: NWSW SEC. 10, T9S, R16E, S.L.B.&M.



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(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

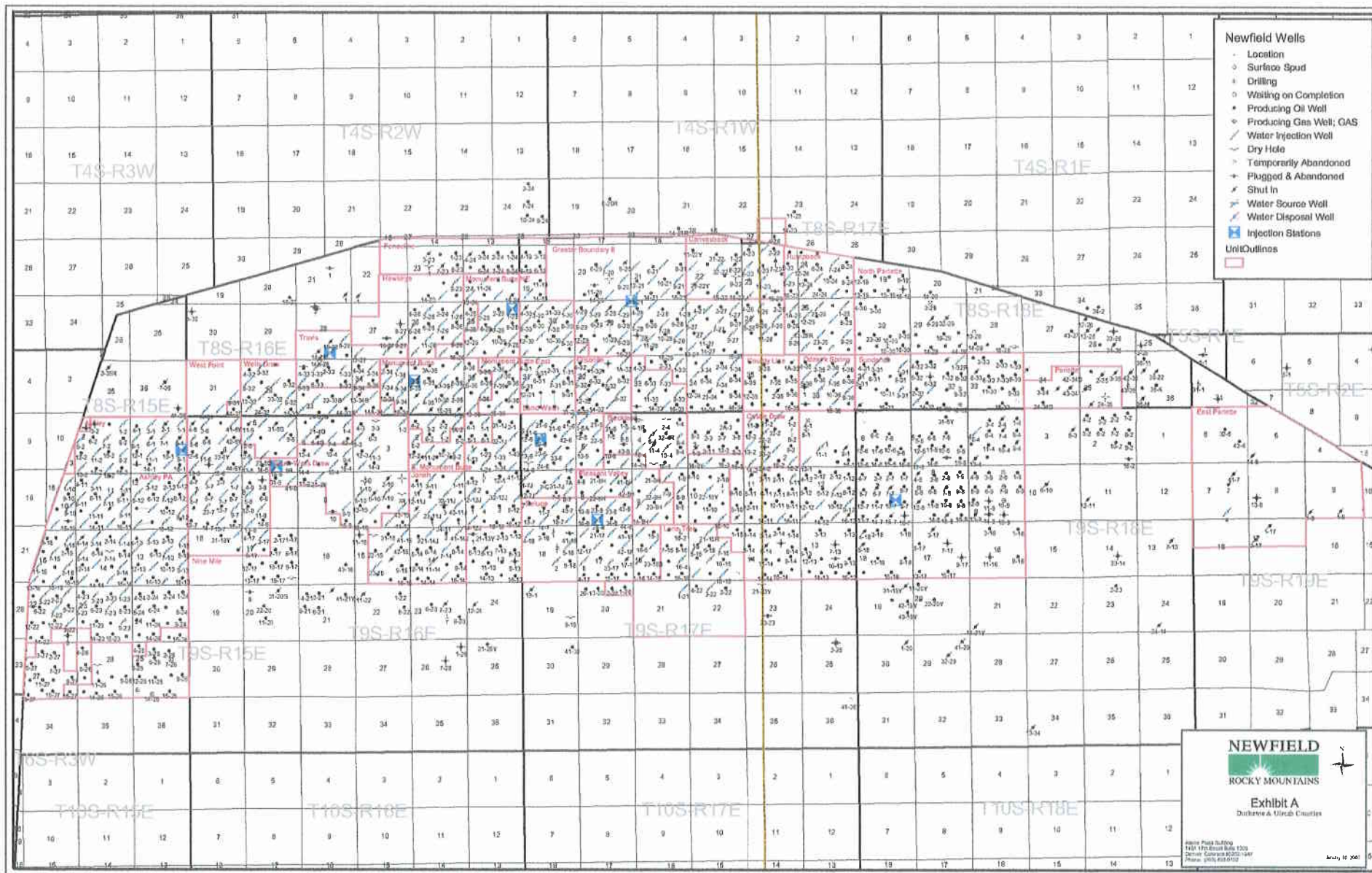
DATE: 07-16-2007

Legend

— Roads
— Proposed Water Line

TOPOGRAPHIC MAP

"C"



2-M SYSTEM

Blowout Prevention Equipment Systems

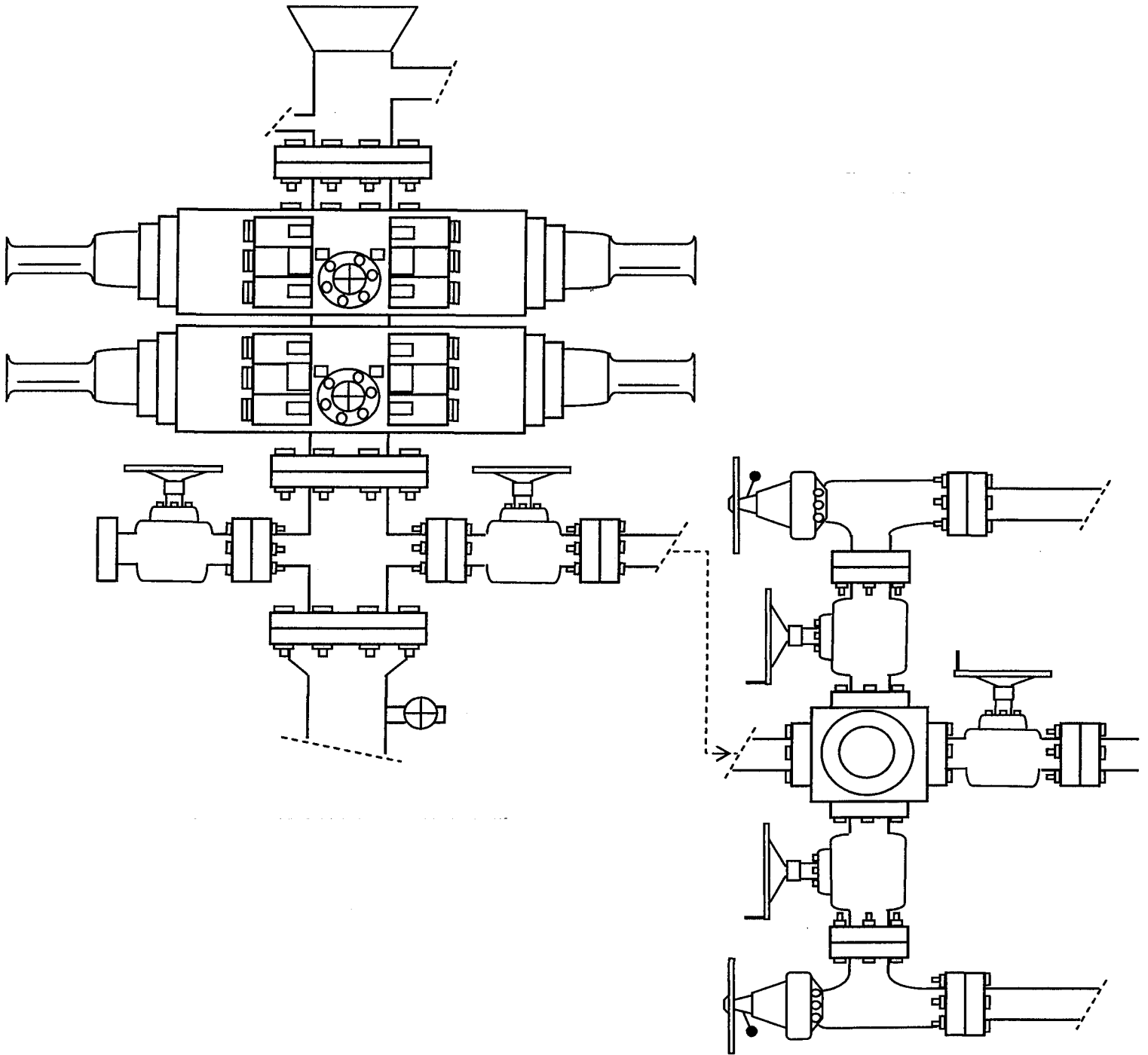


EXHIBIT C

U
CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 12 PROPOSED
WATERLINES: AU J-1, AU S-12, GB II G-28
HAWKEYE G-26, MB NE 1-25, SW L-31
SWD B-8, SWD L-10, SWD M-10
SWD N-10, SWD R-4 AND WD C-5
DUCHESNE COUNTY, UTAH

Exhibit "D"
1 of 2

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 07-286

August 3, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-0931bs

Paleontological Assessment for Newfield Exploration Co. Twelve Proposed Water Pipelines:

Monument Butte NE I-25-8-16

Hawkeye G-26-8-16

Greater Boundary II G-28-8-17

Sand Wash L-31-8-17

Ashley J-1-9-15, Nine Mile S-12-9-15

Wells Draw C-5-9-16

**South Wells Draw R-4-9-16, B-8-9-16,
L-10-9-16, M-10-9-16, N-10-9-16**

**Myton SE and Myton SW Quadrangles
Duchesne County, Utah**

Prepared for

Newfield Exploration Co.

and

Bureau of Land Management

Prepared by

SWCA Environmental Consultants

August 16, 2007

SWCA Report #UT07-09610-022



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: Plan #1

NEWFIELD



Newfield Exploration Co.

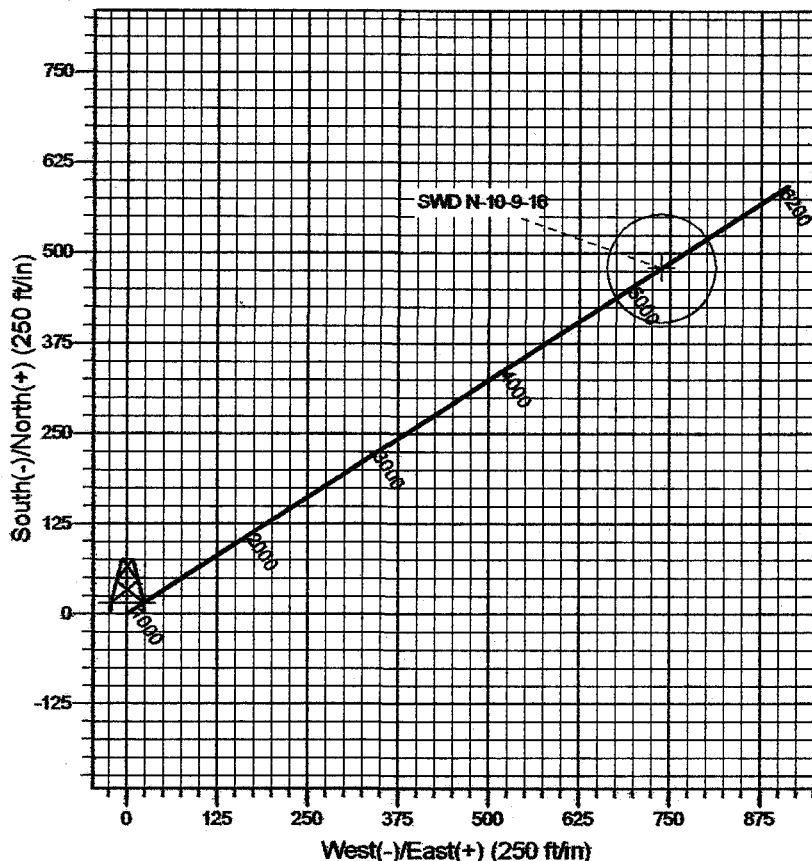
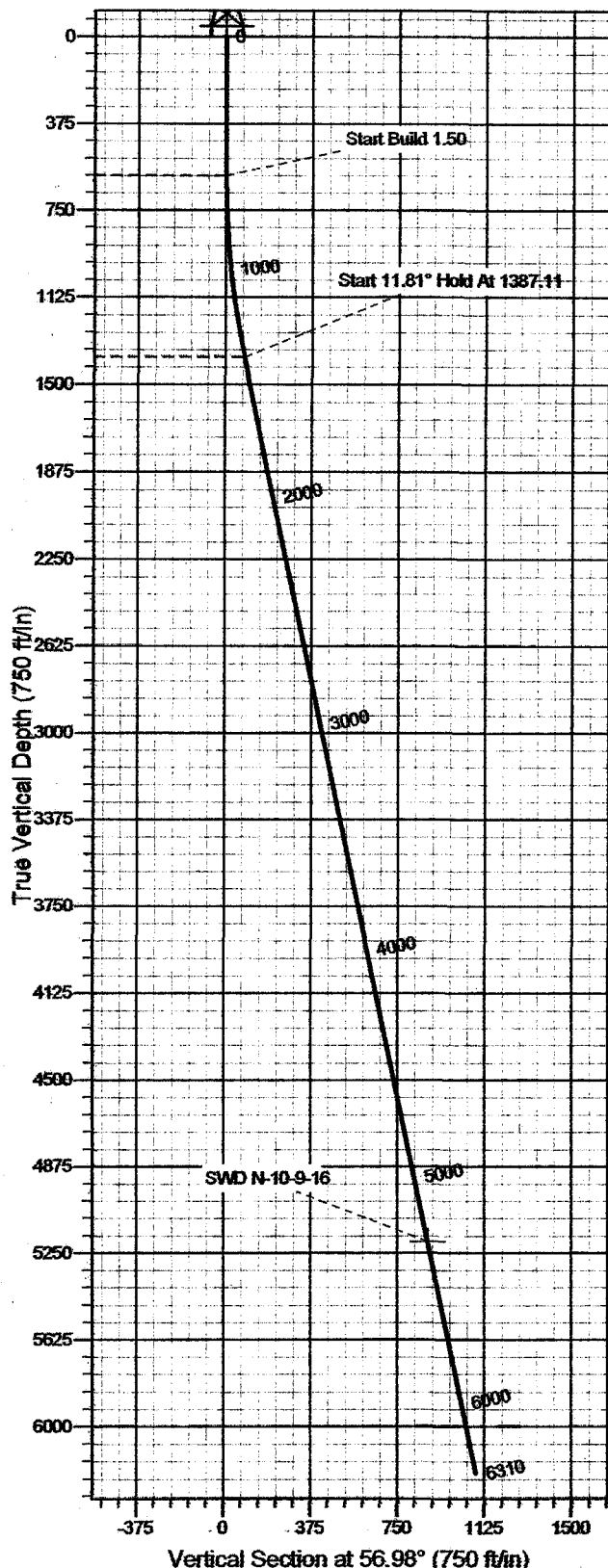
WELL DETAILS: South Wells Draw N-10-9-16

GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2) 5711.80
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 7187773.35 2028610.83 40° 2' 38.360 N 110° 6' 45.440 W



Azimuths to True North
Magnetic North: 11.81°

Magnetic Field
Strength: 52662.6nT
Dip Angle: 65.89°
Date: 2007-08-10
Model: IGRF2005-10



FORMATION TOP DETAILS

Plan: Plan #1 (South Wells Draw N-10-9-16/OH)

Created By: Rex Hall Date: 2007-08-10

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|---------|-------|-------|---------|--------|--------|------|-------|---------|---------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1387.11 | 11.81 | 56.98 | 1381.55 | 44.04 | 67.76 | 1.50 | 56.98 | 80.81 | |
| 4 | 5288.09 | 11.81 | 56.98 | 5200.00 | 479.00 | 737.00 | 0.00 | 0.00 | 878.98 | SWD N-10-9-16 |
| 5 | 6309.70 | 11.81 | 56.98 | 6200.00 | 582.92 | 912.27 | 0.00 | 0.00 | 1088.02 | |

Newfield Exploration Co.

Duchesne County, UT

South Wells Draw N-10-9-16

South Wells Draw N-10-9-16

OH

Plan: Plan #1

Standard Planning Report

10 August, 2007

Scientific Drilling

Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Duchesne County, UT | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | |

| | | | |
|------------------------------|---|--------------------------|------------------|
| Site | South Wells Draw N-10-9-16, Sec 10 T9S R16E | | |
| Site Position: | | Northing: | 7,187,773.36 ft |
| From: | Lat/Long | Easting: | 2,028,810.83 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in |
| | | Latitude: | 40° 2' 38.360 N |
| | | Longitude: | 110° 6' 45.440 W |
| | | Grid Convergence: | 0.89 ° |

| | | | |
|-----------------------------|--|----------------------------|----------------------------------|
| Well | South Wells Draw N-10-9-16, 2151' FSL & 623' FWL | | |
| Well Position | +N-S | 0.00 ft | Northing: 7,187,773.35 ft |
| | +E-W | 0.00 ft | Easting: 2,028,810.83 ft |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | ft |
| | | Latitude: | 40° 2' 38.360 N |
| | | Longitude: | 110° 6' 45.440 W |
| | | Ground Level: | 5,711.80 ft |

| | | | | | |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2005-10 | 2007-08-10 | 11.81 | 65.89 | 52,663 |

| | | | | |
|--------------------------|----------------------------------|----------------------|----------------------|--------------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N-S (ft) | +E-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 56.98 |

| Plan Sections | | | | | | | | | | |
|---------------------------|--------------------|----------------|---------------------------|--------------|--------------|-----------------------------|----------------------------|---------------------------|------------|---------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,387.11 | 11.81 | 56.98 | 1,381.55 | 44.04 | 67.76 | 1.50 | 1.50 | 0.00 | 56.98 | |
| 5,288.09 | 11.81 | 56.98 | 5,200.00 | 479.00 | 737.00 | 0.00 | 0.00 | 0.00 | 0.00 | SWD N-10-9-16 |
| 6,309.70 | 11.81 | 56.98 | 6,200.00 | 592.92 | 912.27 | 0.00 | 0.00 | 0.00 | 0.00 | |

Scientific Drilling

Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 1.50 | | | | | | | | | |
| 700.00 | 1.50 | 56.98 | 699.99 | 0.71 | 1.10 | 1.31 | 1.50 | 1.50 | 0.00 |
| 800.00 | 3.00 | 56.98 | 799.91 | 2.85 | 4.39 | 5.23 | 1.50 | 1.50 | 0.00 |
| 900.00 | 4.50 | 56.98 | 899.69 | 6.42 | 9.87 | 11.77 | 1.50 | 1.50 | 0.00 |
| 1,000.00 | 6.00 | 56.98 | 999.27 | 11.40 | 17.54 | 20.92 | 1.50 | 1.50 | 0.00 |
| 1,100.00 | 7.50 | 56.98 | 1,098.57 | 17.81 | 27.40 | 32.68 | 1.50 | 1.50 | 0.00 |
| 1,200.00 | 9.00 | 56.98 | 1,197.54 | 25.63 | 39.43 | 47.03 | 1.50 | 1.50 | 0.00 |
| 1,300.00 | 10.50 | 56.98 | 1,296.09 | 34.86 | 53.63 | 63.96 | 1.50 | 1.50 | 0.00 |
| 1,387.11 | 11.81 | 56.98 | 1,381.55 | 44.04 | 67.76 | 80.81 | 1.50 | 1.50 | 0.00 |
| Start 11.81° Hold At 1387.11 | | | | | | | | | |
| 1,400.00 | 11.81 | 56.98 | 1,394.17 | 45.48 | 69.97 | 83.45 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 11.81 | 56.98 | 1,492.05 | 56.63 | 87.12 | 103.91 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 11.81 | 56.98 | 1,589.94 | 67.78 | 104.28 | 124.37 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 11.81 | 56.98 | 1,687.82 | 78.93 | 121.44 | 144.83 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 11.81 | 56.98 | 1,785.71 | 90.08 | 138.59 | 165.29 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 11.81 | 56.98 | 1,883.59 | 101.23 | 155.75 | 185.75 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 11.81 | 56.98 | 1,981.47 | 112.38 | 172.90 | 206.21 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 11.81 | 56.98 | 2,079.36 | 123.53 | 190.06 | 226.67 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 11.81 | 56.98 | 2,177.24 | 134.68 | 207.22 | 247.14 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 11.81 | 56.98 | 2,275.13 | 145.83 | 224.37 | 267.60 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 11.81 | 56.98 | 2,373.01 | 156.98 | 241.53 | 288.06 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 11.81 | 56.98 | 2,470.90 | 168.13 | 258.68 | 308.52 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 11.81 | 56.98 | 2,568.78 | 179.28 | 275.84 | 328.98 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 11.81 | 56.98 | 2,666.67 | 190.43 | 292.99 | 349.44 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 11.81 | 56.98 | 2,764.55 | 201.58 | 310.15 | 369.90 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 11.81 | 56.98 | 2,862.43 | 212.73 | 327.31 | 390.36 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 11.81 | 56.98 | 2,960.32 | 223.88 | 344.46 | 410.82 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 11.81 | 56.98 | 3,058.20 | 235.03 | 361.62 | 431.28 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 11.81 | 56.98 | 3,156.09 | 246.18 | 378.77 | 451.74 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 11.81 | 56.98 | 3,253.97 | 257.33 | 395.93 | 472.20 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 11.81 | 56.98 | 3,351.86 | 268.48 | 413.08 | 492.67 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 11.81 | 56.98 | 3,449.74 | 279.63 | 430.24 | 513.13 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 11.81 | 56.98 | 3,547.63 | 290.78 | 447.40 | 533.59 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 11.81 | 56.98 | 3,645.51 | 301.93 | 464.55 | 554.05 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 11.81 | 56.98 | 3,743.39 | 313.08 | 481.71 | 574.51 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 11.81 | 56.98 | 3,841.28 | 324.23 | 498.86 | 594.97 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 11.81 | 56.98 | 3,939.16 | 335.38 | 516.02 | 615.43 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 11.81 | 56.98 | 4,037.05 | 346.53 | 533.17 | 635.89 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 11.81 | 56.98 | 4,134.93 | 357.68 | 550.33 | 656.35 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 11.81 | 56.98 | 4,232.82 | 368.83 | 567.49 | 676.81 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 11.81 | 56.98 | 4,330.70 | 379.98 | 584.64 | 697.27 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 11.81 | 56.98 | 4,428.58 | 391.13 | 601.80 | 717.74 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 11.81 | 56.98 | 4,526.47 | 402.28 | 618.95 | 738.20 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 11.81 | 56.98 | 4,624.35 | 413.43 | 636.11 | 758.66 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 11.81 | 56.98 | 4,722.24 | 424.58 | 653.26 | 779.12 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 11.81 | 56.98 | 4,820.12 | 435.73 | 670.42 | 799.58 | 0.00 | 0.00 | 0.00 |

Scientific Drilling

Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,000.00 | 11.81 | 56.98 | 4,918.01 | 446.88 | 687.58 | 820.04 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 11.81 | 56.98 | 5,015.89 | 458.03 | 704.73 | 840.50 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 11.81 | 56.98 | 5,113.78 | 469.18 | 721.89 | 860.96 | 0.00 | 0.00 | 0.00 |
| 5,288.09 | 11.81 | 56.98 | 5,200.00 | 479.00 | 737.00 | 878.98 | 0.00 | 0.00 | 0.00 |
| SWD N-10-9-16 | | | | | | | | | |
| 5,300.00 | 11.81 | 56.98 | 5,211.66 | 480.33 | 739.04 | 881.42 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 11.81 | 56.98 | 5,309.54 | 491.48 | 756.20 | 901.88 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 11.81 | 56.98 | 5,407.43 | 502.63 | 773.36 | 922.34 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 11.81 | 56.98 | 5,505.31 | 513.78 | 790.51 | 942.80 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 11.81 | 56.98 | 5,603.20 | 524.93 | 807.67 | 963.27 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 11.81 | 56.98 | 5,701.08 | 536.08 | 824.82 | 983.73 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 11.81 | 56.98 | 5,798.97 | 547.23 | 841.98 | 1,004.19 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 11.81 | 56.98 | 5,896.85 | 558.38 | 859.13 | 1,024.65 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 11.81 | 56.98 | 5,994.73 | 569.53 | 876.29 | 1,045.11 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 11.81 | 56.98 | 6,092.62 | 580.68 | 893.45 | 1,065.57 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 11.81 | 56.98 | 6,190.50 | 591.83 | 910.60 | 1,086.03 | 0.00 | 0.00 | 0.00 |
| 6,309.70 | 11.81 | 56.98 | 6,200.00 | 592.92 | 912.27 | 1,088.02 | 0.00 | 0.00 | 0.00 |

Targets

Target Name

| - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|-------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|------------------|
| - Shape | | | | | | | | | |
| SWD N-10-9-16 | 0.00 | 0.00 | 5,200.00 | 479.00 | 737.00 | 7,188,263.73 | 2,029,540.31 | 40° 2' 43.094 N | 110° 6' 35.963 W |
| - plan hits target | | | | | | | | | |
| - Circle (radius 75.00) | | | | | | | | | |

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|------------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 600.00 | 600.00 | 0.00 | 0.00 | Start Build 1.50 |
| 1,387.11 | 1,381.55 | 44.04 | 67.76 | Start 11.81° Hold At 1387.11 |

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/05/2007

API NO. ASSIGNED: 43-013-33779

WELL NAME: S WELLS DRAW FED N-10-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSW 10 090S 160E

SURFACE: 2151 FSL 0623 FWL

BOTTOM: 2642 FSL 1320 FWL

COUNTY: DUCHESNE

LATITUDE: 40.04397 LONGITUDE: -110.1120

UTM SURF EASTINGS: 575754 NORTHINGS: 4432805

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-72107

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: SOUTH WELLS DRAW (GR)
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 231-04
Eff Date: 7-16-2001
Siting: Suspended from Siting
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

September 7, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development South Wells Draw Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the South Wells Draw Unit, Duchesne County, Utah.

| API# | WELL NAME | LOCATION |
|------|-----------|----------|
|------|-----------|----------|

(Proposed PZ Green River)

| | | |
|--------------|----------------------------|--|
| 43-013-33778 | S Wells Draw Fed M-10-9-16 | Sec 10 T09S R16E 1993 FNL 1980 FWL BHL Sec 10 T09S R16E 2640 FNL 2641 FWL |
|--------------|----------------------------|--|

| | | |
|--------------|----------------------------|--|
| 43-013-33779 | S Wells Draw Fed N-10-9-16 | Sec 10 T09S R16E 2151 FSL 0623 FWL BHL Sec 10 T09S R16E 2642 FSL 1320 FWL |
|--------------|----------------------------|--|

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - South Wells Draw Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-7-07



September 11, 2007

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
South Wells Draw Federal N-10-9-16
South Wells Draw Unit
UTU-79641X
Surface Hole: T9S R16E, Section 10: NW/4SW/4
2151' FSL 623' FWL
Bottom Hole: T9S R16E, Section 10: NW/4SW/4
2642' FSL 1320' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 30, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the South Wells Draw Federal Unit UTU-79641X. Newfield certifies that it is the South Wells Draw Unit Operator and all lands within 460 feet of the entire directional well bore are within the South Wells Draw Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

SEP 17 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

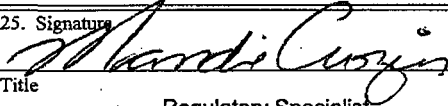
| | |
|---|------------------------------------|
| 5. Lease Serial No. | UTU-72107 |
| 6. If Indian, Allottee or Tribe Name | N/A |
| 7. If Unit or CA Agreement, Name and No. | South Wells Draw Unit |
| 8. Lease Name and Well No. | South Wells Draw Federal N-10-9-16 |
| 9. API Well No. | |
| 10. Field and Pool, or Exploratory Monument Butte | |
| 11. Sec., T., R., M., or Blk. and Survey or Area | Sec. 10, T9S R16E |
| 12. County or Parish | Duchesne |
| 13. State | UT |

| | | |
|--|---|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | |
| 2. Name of Operator Newfield Production Company | | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 3b. Phone No. (include area code) (435) 646-3721 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 2151' FSL 623' FWL At proposed prod. zone NW/SW 2642' FSL 1320' FWL | | |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 16.5 miles southwest of Myton, Utah | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' file, 3960' i/unit | 16. No. of Acres in lease 400.00 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1212' | 19. Proposed Depth 6200' | 20. BLM/BIA Bond No. on file UTB000192 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5712' GL | 22. Approximate date work will start* 4th Quarter 2007 | 23. Estimated duration Approximately seven (7) days from spud to rig release. |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|--|--|-----------------|
| 25. Signature  | Name (Printed/Typed) Mandie Crozier | Date 8/30/07 |
| Title Regulatory Specialist | | |
| Approved by (Signature) | Name (Printed/Typed) | Date |
| Title | Office | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

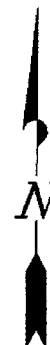
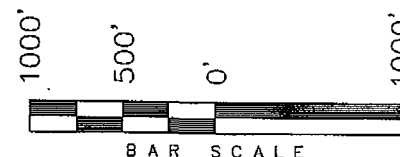
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SEP 17 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SOUTH WELLS DRAW
N-10-9-16, LOCATED AS SHOWN IN THE
NW 1/4 SW 1/4 OF SECTION 10, T9S,
R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF No.189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 100337
STATE OF TEXAS

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

DATE SURVEYED:
06-18-07

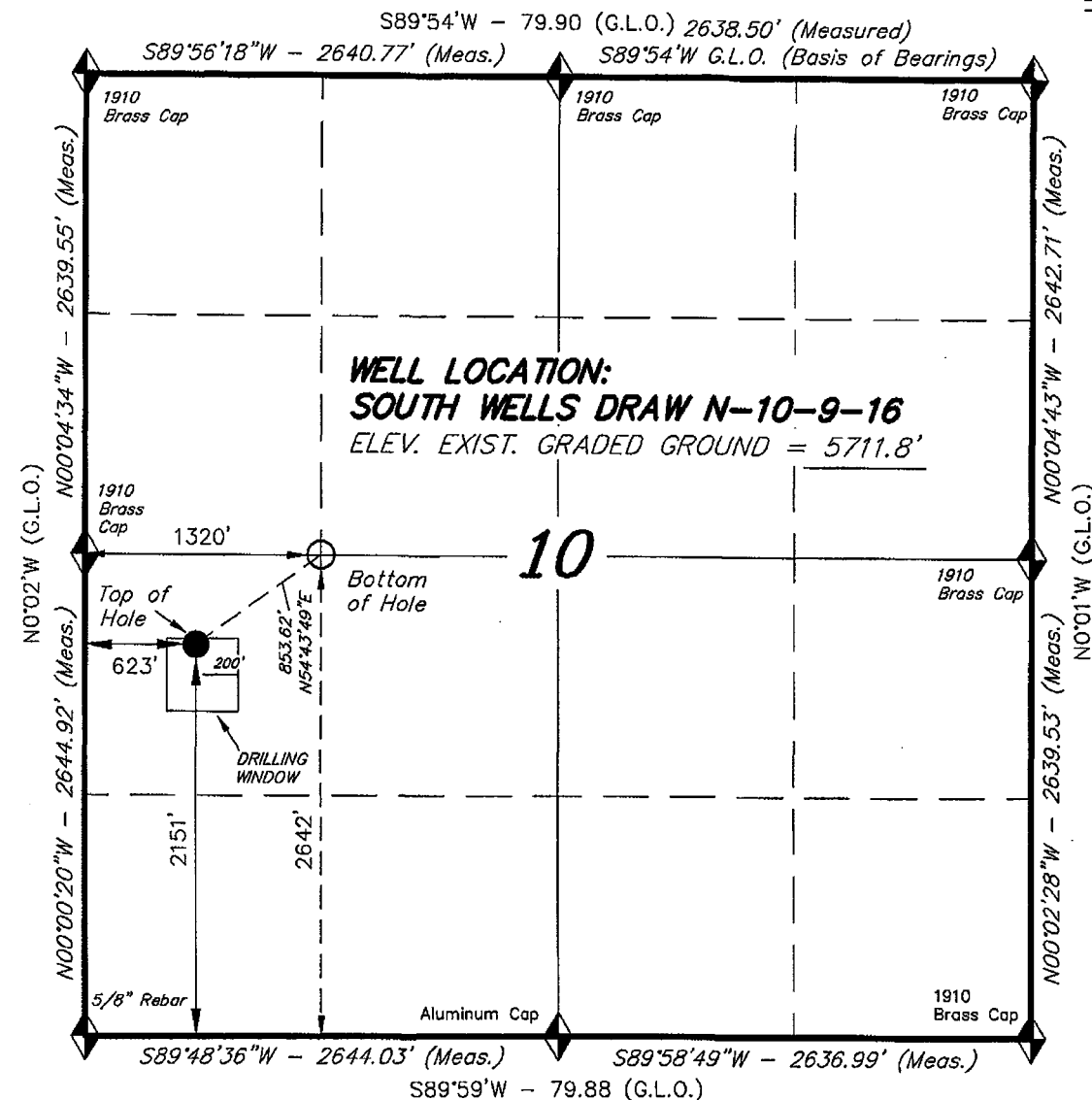
SURVEYED BY: T.H.


DATE DRAWN:
07-09-07

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV:

U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SOUTH WELLS DRAW N-10-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 38.36"
LONGITUDE = 110° 06' 45.44"



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 17, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: South Wells Draw Federal N-10-9-16 Well, Surface Location 2151' FSL, 623' FWL,
NW SW, Sec. 10, T. 9 South, R. 16 East, Bottom Location 2642' FSL, 1320' FWL,
NW SW, Sec. 10, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33779.

Sincerely,

For Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office



Operator: Newfield Production Company
Well Name & Number South Wells Draw Federal N-10-9-16
API Number: 43-013-33779
Lease: UTU-72107

Surface Location: NW SW Sec. 10 T. 9 South R. 16 East
Bottom Location: NW SW Sec. 10 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

2007 SEP -6 PM 1:40

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | | |
|--|--|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 15. Lease Serial No. UTU-72107 | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name N/A | |
| 2. Name of Operator Newfield Production Company | | 7. If Unit or CA Agreement, Name and No. South Wells Draw Unit | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | | 8. Lease Name and Well No. South Wells Draw Federal N-10-9-16 | |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43-013-33779 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 2151' FSL 623' FWL At proposed prod. zone NW/SW 2642' FSL 1320' FWL | | 10. Field and Pool, or Exploratory Monument Butte | |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 16.5 miles southwest of Myton, Utah | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R16E | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lse, 3960' f/unit | | 12. County or Parish Duchesne | |
| 16. No. of Acres in lease 400.00 | | 13. State UT | |
| 17. Spacing Unit dedicated to this well 20 Acres | | 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1212' | |
| 19. Proposed Depth 6200' | | 20. BLM/BIA Bond No. on file UTB000192 | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5712' GL | | 22. Approximate date work will start* 4th Quarter 2007 | |
| 23. Estimated duration Approximately seven (7) days from spud to rig release. | | | |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|--|--------------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 8/30/07 |
| Title Regulatory Specialist | | |
| Approved by (Signature) | Name (Printed/Typed) Terry Kencicka | Date 11-27-2007 |
| Title Assistant Field Manager Lands & Mineral Resources | | |
| Office VERNAL FIELD OFFICE | | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
RECEIVED

DEC 05 2007

DIV. OF OIL, GAS & MINING

NOS 8/6/07
07PP26217



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: S. Wells Draw Federal N-10-9-16
API No: 43-013-33779

Location: NWSW, Sec 10, T9S, R16E
Lease No: UTU-72107
Agreement: South Wells Draw Unit

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|-----------------|---------------------|-------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | James Ashley | (435) 781-4470 | (435) 828-7874 |
| Petroleum Engineer: | Ryan Angus | (435) 781-4430 | (435) 828-7368 |
| Supervisory Petroleum Technician: | Jamie Sparger | (435) 781-4502 | (435) 828-3913 |
| NRS/Enviro Scientist: | Paul Buhler | (435) 781-4475 | (435) 828-4029 |
| NRS/Enviro Scientist: | Karl Wright | (435) 781-4484 | (435) 828-7381 |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | |
| NRS/Enviro Scientist: | | (435) 781-4476 | |
| NRS/Enviro Scientist: | Chuck MacDonald | (435) 781-4441 | (435) 828-7481 |
| NRS/Enviro Scientist: | Jannice Cutler | (435) 781-3400 | (435) 828-3544 |
| NRS/Enviro Scientist: | Michael Cutler | (435) 781-3401 | (435) 828-3546 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Darren Williams | (435) 781-4447 | |
| NRS/Enviro Scientist: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

| | | |
|--|---|---|
| Location Construction (Notify NRS/Enviro Scientist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify NRS/Enviro Scientist) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Supervisory Petroleum Technician) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings |
| BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) | - | Twenty-Four (24) hours prior to initiating pressure tests |
| First Production Notice (Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days |

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

General Surface Stipulations:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface Stipulations:

STIPULATIONS:

- The proposed area contains Mountain Plover habitat. With this occurrence there will be a **timing restriction** during project activity (construction and drilling) to minimize disturbance **during Mountain Plover nesting from May 15 - June 15.**

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.

- The reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- Reclamation:

Interim seed mix:

| | | |
|---------------------------------|-------------------------------|---------------|
| Bottlebrush Squirrealtail grass | <i>Elymus elymoides</i> | 5 lbs/acre |
| Hy-crest Crested Wheatgrass | <i>Agropyron cristatum</i> | 5 lbs/acre |
| Shadscale saltbush | <i>Atriplex confertifolia</i> | 0.5 lbs/acre |
| Gardner's saltbush | <i>Atriplex gardneri</i> | 0.5 lbs/acre |
| Forage Kochia | <i>Kochia prostrata</i> | 0.25 lbs/acre |

Final reclamation seed mix:

| | | |
|---------------------------------|-------------------------------|---------------|
| Bottlebrush Squirrealtail grass | <i>Elymus elymoides</i> | 5 lbs/acre |
| Hy-crest Crested Wheatgrass | <i>Agropyron cristatum</i> | 5 lbs/acre |
| Shadscale saltbush | <i>Atriplex confertifolia</i> | 0.5 lbs/acre |
| Gardner's saltbush | <i>Atriplex gardneri</i> | 0.5 lbs/acre |
| Forage Kochia | <i>Kochia prostrata</i> | 0.25 lbs/acre |

- All pounds are in pure live seed.
 - All seed and mulch will be certified weed free.
 - Drill seeding is the preferred method.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - If broadcasting seed: The seed will be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
 - Reseeding may be required if initial seeding is not successful.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.

- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

| | | | | | | | | | | | | | | | |
|---|---|----|---|-----|---------|--|----|--|--|---|----------|---------------------|--|--------------------|--|
| TRAVEL VOUCHER | | | 1. DEPARTMENT OR ESTABLISHMENT, BUREAU DIVISION OR OFFICE USDI - Bureau of Land Management | | | 2. TYPE OF TRAVEL <input checked="" type="checkbox"/> A. TEMPORARY DUTY <input type="checkbox"/> B. PERMANENT CHANGE OF STATION | | | 3. VOUCHER NO. ERROR- No Authorization # 4. SCHEDULE NO. | | | | | | |
| (Read the Privacy Act Statement on the back) | | | | | | | | | | | | | | | |
| TRAVELER (PAYEE) | a. NAME (last, first, middle initial) | | | | | b. SOCIAL SECURITY NO. | | | 6. PERIOD OF TRAVEL a. FROM b. TO | | | | | | |
| | c. MAILING ADDRESS (Include ZIP Code) EFT | | | | | d. OFFICE TELEPHONE NO. | | | 7. TRAVEL AUTHORIZATION a. NUMBER(S) b. DATE(S) | | | | | | |
| | e. PRESENT DUTY STATION | | | | | f. RESIDENCE (City and State) | | | 10. CHECK NO. | | | | | | |
| | | | | | | | | | | | | | | | |
| 8. TRAVEL ADVANCE | | | | | | 9. CASH PAYMENT RECEIPT | | | | | | 11. PAID BY | | | |
| a. Outstanding | | | | | | a. DATE RECEIVED | | b. AMOUNT RECEIVED | | | | | | | |
| b. Amount to be applied | | | XXXX | | | | | | | | | | | | |
| c. amount due Government (Attached: <input type="checkbox"/> Check <input type="checkbox"/> Cash) | | | XXXX | | | c. PAYEE'S SIGNATURE | | | | | | | | | |
| d. Balance outstanding | | | XXXX | | | | | | | | | | | | |
| 12. GOVERNMENT TRANSPORTATION REQUESTS, OR TRANSPORTATION TICKETS, IF PURCHASED WITH CASH (List by number below and attach passenger coupon; if cash is used show claim on reverse side.) | | | | | | I hereby assign to the United States any right I may have against any parties in connection with reimbursable transportation charges described below, purchased under cash payment procedures (FPMR 101-7) | | | | | | Traveler's Initials | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | AGENT'S VALUATION OR TICKET | | ISSUING CARRIER | | MODE, CLASS OF SERVICE AND ACCOMMODATIONS | | DATE ISSUED | | POINTS OF TRAVEL | |
| | | | | | | (a.) | | (Initials) (b) | | (c) | | (d) | | FROM TO (e) (f) | |
| Type: TDL | | | | | | | | | | | | | | | |
| Purpose | | | | | | | | | | | | | | | |
| Purpose of Trip: | | | | | | | | | | | | | | | |
| 13. I certify that this voucher is true and correct to the best of my knowledge and belief, and that payment or credit has not been received by me. When applicable, per diem claimed is based on the average cost of lodging incurred during the period covered by this voucher. | | | | | | | | | | | | | | | |
| TRAVELER SIGN HERE | | | | | | | | DATE | | AMOUNT CLAIMED | | | | | |
| NOTE: Falsification of an item in an expense account works a forfeiture of claim (28 U.S.C. 2514) and may result in a fine of not more than \$10,000 or imprisonment for not more than 5 years or both (18 U.S.C. 287; i.d. 1001). | | | | | | | | | | | | | | | |
| 14. This voucher is approved. Long distance telephone calls, if any, are certified as necessary in the interest of the Government. (NOTE: If long distance telephone calls are included, the approving official must have been authorized in writing by the head of the department or agency to so certify (31 U.S.C. 680a).) | | | | | | | | 17. FOR FINANCE OFFICE USE ONLY COMPUTATION a. DIFFERENCES, IF ANY (Explain and show amount) | | | | | | | |
| | | | | | | | | | | | | | | | |
| APPROVING OFFICIAL SIGN HERE | | | | | | Date | | | | | | | | | |
| 15. LAST PRECEDING VOUCHER PAID UNDER SAME TRAVEL AUTHORIZATION | | | | | | | | | | | | | | | |
| a. VOUCHER NO. | | | b. D.O. SYMBOL | | | c. MONTH & YEAR | | | b. TOTAL VERIFIED CORRECT FOR CHARGE TO APPROPRIATION | | | | | | |
| 16. THIS VOUCHER IS CERTIFIED CORRECT AND PROPER FOR PAYMENT | | | | | | | | | | | | | | | |
| AUTHORIZED CERTIFYING OFFICIAL SIGN HERE | | | | | | DATE | | c. APPLIED TO TRAVEL ADVANCE (appropriation symbol): | | | | | | | |
| | | | | | | | | d. NET TO TRAVELER | | | | | | | |
| 18. ACCOUNTING CLASSIFICATION | | | | | | | | | | | | | | | |
| ST | OFC | AY | ACTIVITY | CJC | PROJECT | OBJECT CLASS | | TR. CODE | OP. KEY | EXPEND. TYPE | GSA 1473 | AMOUNT | | | |
| UT | 080 | 08 | | | | 21 | 1D | | | | | | | | |
| UT | 080 | 08 | | | | 21 | 1I | | | | | | | | |
| UT | 080 | 08 | | | | 21 | 1A | | | | | | | | |
| UT | 080 | 08 | | | | 21 | 1P | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: S WELLS DRAW N-10-9-16

Api No: 43-013-33779 Lease Type: FEDERAL

Section 10 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 08/02/08

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by SEAN STEVENS

Telephone # (435) 823-1162

Date 08/04/08 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2151 FSL 623 FWL

Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

S WELLS DRAW UNIT

8. Well Name and No.

SOUTH WELLS DRAW FEDERAL N-10-9-16

9. API Well No.

4301333779

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
|---|--|---|--|---|-------------|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off | |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity | |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other | Spud Notice |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | | |
| | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | | |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

South Wells Draw Federal N-10-9-16. On 2 Aug 2008 MIRU Ross # 21. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8-5/8" J-55 24 # csgn. Set @ 324.84' KB. On 3 Aug 2008 cemented with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg & 1.17 cf/sk yield. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/Typed)

Sean Stevens

Signature

Title

Petroleum Engineer

Date

08/04/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

AUG 07 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

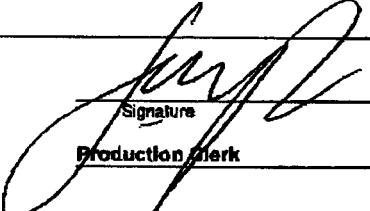
OPERATOR ACCT. NO. N2695

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | COUNTY | SPUD DATE | EFFECTIVE DATE |
|--------------------------------------|--------------------|----------------|------------|------------------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | Q1 | SC | TP | RG | | | |
| B | 99999 | 12277 | 4301333883 | PLEASANT VALLEY FEDERAL G-8-9-17 | SWNW | 8 | 9S | 17E | DUCHESNE | 7/31/2008 | 8/14/08 |
| WELL 1 COMMENTS: GRRV BHL = SWNW | | | | | | | | | | | |
| A | 99999 | 17021 | 4304739659 | UTE TRIBAL 12-5-6-2E | NWSW | 5 | 6S | 2E | UINTAH | 8/1/2008 | 8/14/08 |
| WELL 2 COMMENTS: GRRV 12-6-5-2E 6 5S | | | | | | | | | | | |
| B | 99999 | 13269 | 4301333779 | SOUTH WELLS DRAW FEDERAL N-10-9-16 | NWSW | 10 | 9S | 16E | DUCHESNE | 8/2/2008 | 8/14/08 |
| WELL 3 COMMENTS: GRRV BHL = NWSW | | | | | | | | | | | |
| B | 99999 | 12277 | 4301333896 | PLEASANT VALLEY FEDERAL M-9-9-17 | SWNE | 9 | 9S | 17E | DUCHESNE | 8/4/2008 | 8/14/08 |
| WELL 4 COMMENTS: GRRV BHL = SENW. | | | | | | | | | | | |
| A | 99999 | 17022 | 4304739949 | UTE TRIBAL 4-1-5-1E | NWNW | 1 | 5S | 1E | DUCHESNE | 8/4/2008 | 8/14/08 |
| WELL 5 COMMENTS: GRRV 1 UINTAH | | | | | | | | | | | |
| B | 99999 | 13269 | 4301333765 | SOUTH WELLS DRAW FEDERAL L-10-9-16 | NWSE | 10 | 9S | 16E | DUCHESNE | 8/6/2008 | 8/14/08 |
| WELL 6 COMMENTS: GRRV BHL = NWSE | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or well well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature: 
Jenfri park
Production Clerk
08/07/08
Date

DIV. OF OIL, GAS & MINING

AUG 07 2008

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2151 FSL 623 FWL

Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

S WELLS DRAW UNIT

8. Well Name and No.

SOUTH WELLS DRAW FEDERAL N-10-9-10

9. API Well No.

4301333779

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & Abandon | <input type="checkbox"/> Temporarily Abandon | Weekly Status Report _____ |
| | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | _____ |

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/6/08 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6242'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 147 jt's of 5.5 J-55, 15.5# csgn. Set @ 6202.34/ KB. Cement with 360 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 63 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 112,000 #'s tension. Release rig @ 7:00 PM on 8/13/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jay Burton

Signature

Title

Drilling Foreman

Date

08/13/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

AUG 18 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6202.34

Flt cllr @ 6159.69

LAST CASING 8 5/8" SET # 324.64

OPERATOR Newfield Production Company

DATUM 12' KB

WELL FED N-10-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 2

TD DRILLER 6242 Loggers

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|---|--------|---|---------------------|-------------------------------------|--------|-------|---------|
| | | Landing Jt | | | | | 14 |
| | | Short jt 4091.56 (6.10) | | | | | |
| 136 | 5 1/2" | ETC LT & C casing | 15.5# | J-55 | 8rd | A | 6146.44 |
| | | Float collar | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C csg | 15.5# | J-55 | 8rd | A | 42.65 |
| | | GUIDE shoe | | | 8rd | A | 0.65 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 6204.34 |
| TOTAL LENGTH OF STRING | | 6204.34 | 147 | LESS CUT OFF PIECE | | | 14 |
| LESS NON CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 297.53 | 7 | CASING SET DEPTH | | | 6202.34 |
| TOTAL | | 6486.62 | 154 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 6486.62 | 154 | | | | |
| TIMING | | 1ST STAGE | 2nd STAGE | | | | |
| BEGIN RUN CSG. | | 4/13/2008 | 6:00am | GOOD CIRC THRU JOB yes | | | |
| CSG. IN HOLE | | 4/13/2008 | 10:30am | Bbls CMT CIRC TO SURFACE 60 | | | |
| BEGIN CIRC | | 4/13/2008 | 12:13pm | RECIPROCATED PIPE FOR THRUSTROKE NA | | | |
| BEGIN PUMP CMT | | " | 12:28pm | DID BACK PRES. VALVE HOLD ? yes | | | |
| BEGIN DSPL. CMT | | " | 1:30pm | BUMPED PLUG TO 2500 PSI | | | |
| PLUG DOWN | | " | 1:50pm | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 360 | Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake | | | | | |
| | | mixed @ 11.0 ppg W / 3.43 cf/sk yield | | | | | |
| 2 | 450 | 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD | | | | | |
| CENTRALIZER & SCRATCHER PLACEMENT | | | SHOW MAKE & SPACING | | | | |
| Centralizers - Middle first, top second & third. Then every third collar for a total of 20. | | | | | | | |
| | | | | | | | |

COMPANY REPRESENTATIVE Jay Burton

DATE 8/13/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72107 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 7. UNIT or CA AGREEMENT NAME: S WELLS DRAW UNIT |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2151 FSL 623 FWL | | 8. WELL NAME and NUMBER: <u>N-10-9-16</u> SOUTH WELLS DRAW FEDERAL |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 10, T9S, R16E | | 9. API NUMBER: 4301333779 |
| | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>09/24/2008</u> | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09-05-08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE [Signature] DATE 09/24/2008

(This space for State use only)

RECEIVED
OCT 02 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

S WELLS DRW N-10-9-16**7/1/2008 To 11/30/2008****8/23/2008 Day: 1****Completion**

Rigless on 8/22/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. Tagged high @ 5404'. Pull out & remove btm centralizer. RIH & tag at same depth. PU perf gun. RIH & found same depth. Pull out, LD perf gun & PU logging tools. Run CBL f/ WLTD of 5404' to sfc. Found cmt top @ 200'. Perf stage #1 W/ 3 1/8" slick gun: A1 sds @ 5306-14' W/ 4 JSPF. RDWLT. SIFN W/ est 146 BWTR.

8/28/2008 Day: 2**Completion**

Rigless on 8/27/2008 - MIRU Western #4. Bleed well off. Recovered slug of oil, then 5 BW & mostly died. NU Cameron pipe rams. Talley, drift, PU & TIH W/ new 4 3/4" drag bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 5450'. RU power swivel. Drill out hard cmt to 5700'. Circ hole clean. Pull EOT to 5669' & SIFN.

8/29/2008 Day: 3**Completion**

Rigless on 8/28/2008 - Cont. drilling cement from 5700' to 6158'. Circulate well clean w/ KCL water. POOH w/ tbg. LD BHA. SWIFN.

8/30/2008 Day: 4**Completion**

Western #4 on 8/29/2008 - Stage #1, A1 sds. RU BJ Services. 0 psi on well. Frac A1 sds w/ 40,245#'s of 20/40 sand in 430 bbls of Lightning 17 fluid. Broke @ 4038 psi. Treated w/ ave pressure of 2781 psi w/ ave rate of 22.9 BPM. ISIP 4100 psi. Leave pressure on well. 576 BWTR. Stage #2, B2 sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5180'. Perforate B2 sds @ 5130-38' w/ 3 1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf forttotal of 32 shots. RU BJ Services. 1755 psi on well. Frac B2 sds w/ 24,627#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 2063 psi. Treated w/ ave pressure of 2215 psi w/ ave rate of 23.1 BPM. ISIP 2003 psi. Leave pressure on well. 936 BWTR. Stage #3, C sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 5030'. Perforate C sds @ 4996-5006' w/ 3 1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf forttotal of 40 shots. RU BJ Services. 1728 psi on well. Frac C sds w/ 45,080#'s of 20/40 sand in 438 bbls of Lightning 17 fluid. Broke @ 2297 psi. Treated w/ ave pressure of 2077 psi w/ ave rate of 22.8 BPM. ISIP 2192 psi. Leave pressure on well. 1374 BWTR. Stage #4, DS1 sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4800'. Perforate DS1 sds @ 4710-22' w/ 3 1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf forttotal of 48 shots. RU BJ Services. 1922 psi on well. Frac DS1 sds w/ 30,050#'s of 20/40 sand in 385 bbls of Lightning 17 fluid. Broke @ 3545 psi. Treated w/ ave pressure of 2236 psi w/ ave rate of 23.0 BPM. ISIP 2291 psi. Leave pressure on well. 1759 BWTR. Stage #5, PB11 sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4625'. Perforate PB11 sds @ 4574-82' w/ 3 1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf forttotal of 32 shots. RU BJ Services. 1866 psi on well. Frac PB11 sds

w/ 25,866#'s of 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3982 psi. Treated w/ ave pressure of 2153 psi w/ ave rate of 23.0 BPM. ISIP 2211 psi. Leave pressure on well. 2109 BWTR. Stage #6, GB6 sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4390'. Perforate GB6 sds @ 4326-34' w/ 3 1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf forttotal of 32 shots. RU BJ Services. 1425 psi on well. Frac GB6 sds w/ 31,865#'s of 20/40 sand in 353 bbls of Lightning 17 fluid. Broke @ 2341 psi. Treated w/ ave pressure of 1971 psi w/ ave rate of 22.9 BPM. ISIP 1951 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs & died. Recovered 900 bbls. SWIFN.

9/3/2008 Day: 5

Completion

Western #4 on 9/2/2008 - Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag fill @ 4239'. RU powerswivel & pump. C/O to CBP @ 4390'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag fill @ 4580'. C/O to CBP @ 4625'. DU CBP in 21 min. Cont. RIH w/ tbg. Tag fill @ 4725'. C/O to CBP @ 4800'. DU CBP in 60 min. Cont. RIH w/ tbg. Tag CBP @ 5030'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag CBP @ 5180'. DU CBP in 29 min. Circulate well clean. SWIFN.

9/4/2008 Day: 6

Completion

Western #4 on 9/3/2008 - Bleed off well. Circulate well clean. RIH w/ tbg. Tag fill @ 6018'. C/O to PBTD @ 6158'. Circulate well clean. Pull up to 6099'. RIH w/ swab. SFL @ surface. Made 3 runs & well started flowing. Well flowed for 1.5 hrs. & died. RIH w/ swab. Made 2 runs. Well started flowing. Well flowed for 2.5 hrs. Recovered 210 total bbls. Ending oil cut @ approx. 10%. No show of sand. RU pump to tbg. Kill tbg. w/ 30 bbls water. RIH w/ tbg. Tag fill @ 6008'. C/O to PBTD @ 6018'. Circulate well clean. Pull up to 5372'. SWIFN.

9/5/2008 Day: 7

Completion

Western #4 on 9/4/2008 - Bleed off well. Kill well w/ 180 bbls 10# brine water. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg. 5 1/2" TAC, 170 jts 2 7/8" tbg. ND BOP. Set TAC @ 5244' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 3/4" x 16' x 19.5' RHAC rod pump, 3/4" shear coupler, 207- 7/8" guided rods (8 per rod), 1- 8', 6', 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. Stroke test to 800 psi w/ rig. RU pumping unit. Hang off rods. SWIFN.

9/6/2008 Day: 8

Completion

on 9/5/2008 - PWOP @ 9:00 AM w/ 102" SL & 5 SPM. Final report.

Pertinent Files: Go to File List

(See other in-
structions on
reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2151' FSL & 623' FWL (NW/SW) Sec. 10, T9S, R16E

At top prod. Interval reported below

At total depth

2617 fsl 1404 fwl

14. API NO.

43-013-33779

DATE ISSUED

1/31/08

15. DATE SPUDDED

7/31/08

16. DATE T.D. REACHED

8/26/08

17. DATE COMPL. (Ready to prod.)

9/05/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5712' GL

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

20. TOTAL DEPTH, MD & TVD

6242
6150'

21. PLUG BACK T.D., MD & TVD

6018'

22. IF MULTIPLE COMPL.,
HOW MANY*

5926

23. INTERVALS
DRILLED BY
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4326-5314'

25. WAS DIRECTIONAL
SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED
No

23. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 324.84' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 6254.87' | 7-7/8" | 350 sx Premlite II and 475 sx 50/50 Poz | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | EOT @ 5373' | TA @ 5245' |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|-------------------|------|------------|---------------------|---|
| (A1) 5306-5314' | .49" | 4/32 | 5306-5314' | Frac w/ 40245# 20/40 sand in 430 bbls fluid |
| (B2) 5130-5138' | .49" | 4/32 | 5130-5138' | Frac w/ 24627# 20/40 sand in 360 bbls fluid |
| (C) 4996-5006' | .49" | 4/40 | 4996-5006' | Frac w/ 45080# 20/40 sand in 438 bbls fluid |
| (DS1) 4710-4722' | .49" | 4/48 | 4710-4722' | Frac w/ 30050# 20/40 sand in 385 bbls fluid |
| (PB11) 4574-4582' | .49" | 4/32 | 4574-4582' | Frac w/ 25866# 20/40 sand in 350 bbls fluid |
| (GB6) 4326-4334' | .49" | 4/32 | 4326-4334' | Frac w/ 31865# 20/40 sand in 353 bbls fluid |

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION

| | | | | | | | | |
|---------------------------------|--|--|-----------------------------------|-----------------------------------|------------------|-----------------|---|----------------------|
| DATE FIRST PRODUCTION 9/5/08 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 19' RHAC Rod Pump | | | | | WELL STATUS (Producing or shut-in) PRODUCING | |
| DATE OF TEST 9/18/08 | | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD -----> | OIL--BBLs. 95 | GAS--MCF. 48 | WATER--BBL. 74 | GAS-OIL RATIO 505 |
| FLOW. TUBING PRESS. | | CASING PRESSURE | CALCULATED 24-HOUR RATE -----> | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Tammi Lee

TITLE

Production Clerk

DATE

10/13/2008

Tammi Lee

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED

TL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OCT 16 2008

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); | | | | 38. GEOLOGIC MARKERS | | | |
|---|-----|--------|---|-----------------------|-------------|-----|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
| | | | Well Name South Wells Draw Federal N-10-9-16 | Garden Gulch Mkr | 3768' | | |
| | | | | Garden Gulch 1 | 3983' | | |
| | | | | Garden Gulch 2 | 4096' | | |
| | | | | Point 3 Mkr | 4358' | | |
| | | | | X Mkr | 4638' | | |
| | | | | Y-Mkr | 4672' | | |
| | | | | Douglas Creek Mkr | 4796' | | |
| | | | | BiCarbonate Mkr | 5040' | | |
| | | | | B Limestone Mkr | 5162' | | |
| | | | | Castle Peak | 5666' | | |
| | | | | Basal Carbonate | 6107' | | |
| | | | | Total Depth (LOGGERS) | 6250 | | |



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

| | |
|-----------------|-----------------------------------|
| Operator | <u>Newfield Exploration Co.</u> |
| Well Name & No. | <u>South Wells Draw N-10-9-16</u> |
| County & State | <u>Duchesne County, UT</u> |
| SDI Job No. | <u>42DEF0808643</u> |
| Rig | <u>NDSI 2</u> |

I, Julie Cruse, having personal knowledge of all the facts, hereby
certify that the attached directional survey run from a measured depth of 354 feet to a
measured depth of 6242 feet is true and correct as determined from all available records.

Signature

19-Aug-08

Date

Julie Cruse

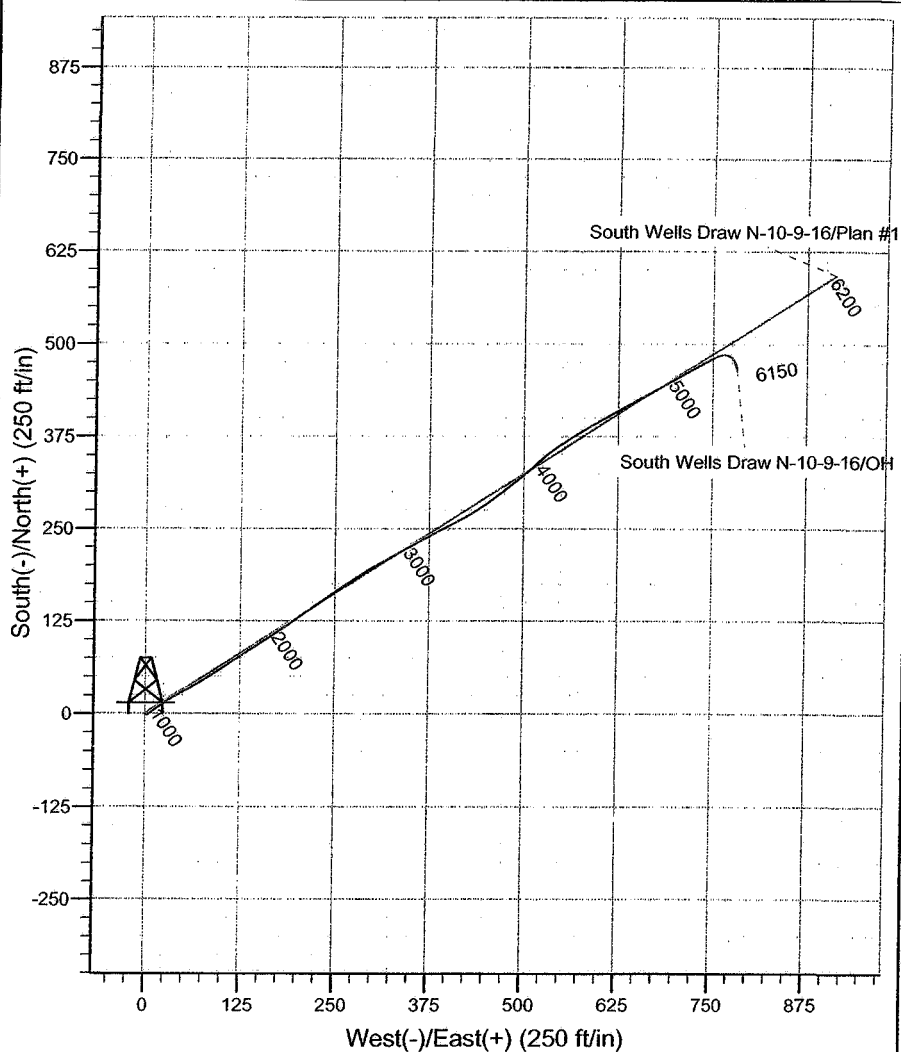
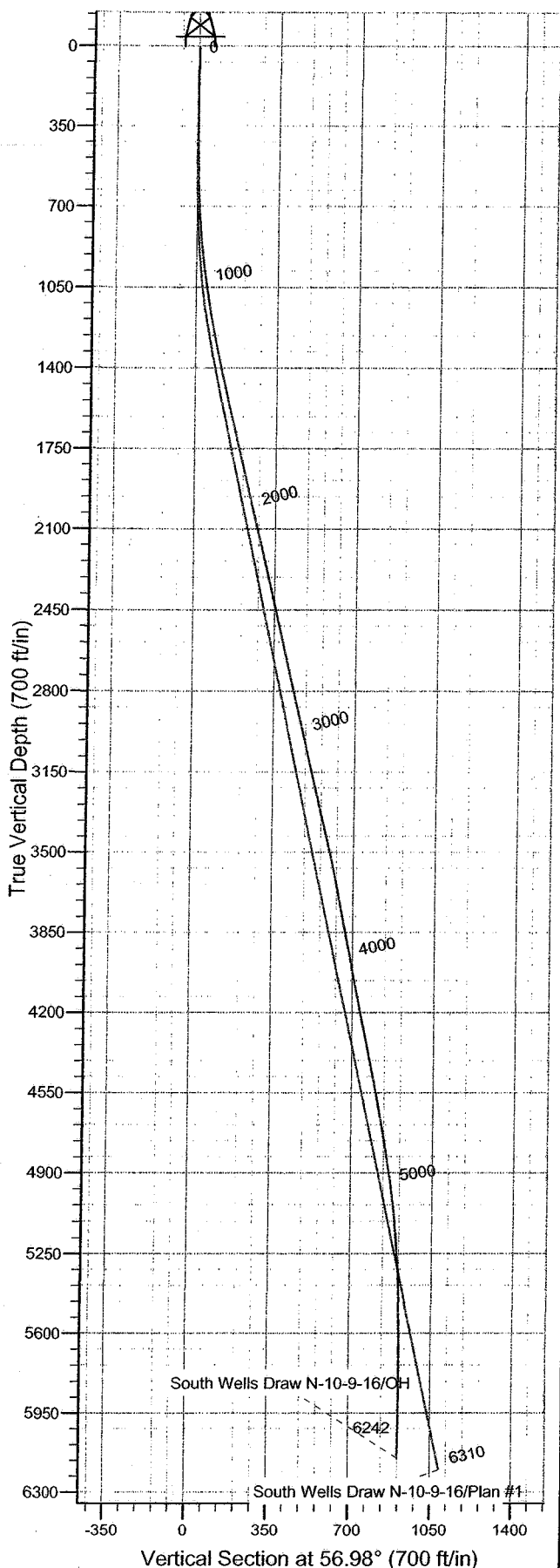
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: South Wells Draw N-10-9-16

| +N/-S | +E/-W | Ground Level: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2) | Latitude | Longitude |
|-------|-------|---|-----------------|------------------|
| 0.00 | 0.00 | Northing Easting | 40° 2' 38.360 N | 110° 6' 45.440 W |
| | | 7187773.35 2028810.83 | | |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well South Wells Draw N-10-9-16, True North
Vertical (TVD) Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: True
Location: Sec 10 T9S R16E

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

Design: OH (South Wells Draw N-10-9-16/OH)

Created By: Laura Turner Date: 2008-08-18

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

South Wells Draw N-10-9-16

South Wells Draw N-10-9-16

OH

Design: OH

Standard Survey Report

15 August, 2008

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

| | | | |
|--------------------|-------------------------------|----------------------|----------------|
| Project | Duchesne County, UT NAD83 UTC | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Central Zone | | |

| | | | |
|------------------------------|---|--------------------------|------------------|
| Site | South Wells Draw N-10-9-16, Sec 10 T9S R16E | | |
| Site Position: | | Northing: | 7,187,773.36 ft |
| From: | Lat/Long | Easting: | 2,028,810.83 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in |
| | | Latitude: | 40° 2' 38.360 N |
| | | Longitude: | 110° 6' 45.440 W |
| | | Grid Convergence: | 0.89 ° |

| | | | |
|-----------------------------|--|----------------------------|----------------------------------|
| Well | South Wells Draw N-10-9-16, 2151' FSL & 623' FWL | | |
| Well Position | +N/-S | 0.00 ft | Northing: 7,187,773.35 ft |
| | +E/-W | 0.00 ft | Easting: 2,028,810.83 ft |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | ft |
| | | Latitude: | 40° 2' 38.360 N |
| | | Longitude: | 110° 6' 45.440 W |
| | | Ground Level: | 5,711.80 ft |

| | | | |
|------------------|-------------------|--------------------|--------------------|
| Wellbore | OH | | |
| Magnetics | Model Name | Sample Date | Declination |
| | IGRF2005-10 | 8/5/2008 | (°) |
| | | | 11.69 |
| | | | (°) |
| | | | 65.86 |
| | | | (nT) |
| | | | 52,569 |

| | | | |
|--------------------------|-------------------------|----------------------|--------------|
| Design | OH | | |
| Audit Notes: | | | |
| Version: | 1.0 | Phase: | ACTUAL |
| | | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W |
| | (ft) | (ft) | (ft) |
| | 0.00 | 0.00 | 0.00 |
| | | | (°) |
| | | | 56.98 |

| | | | |
|-----------------------|----------------|--------------------------|------------------|
| Survey Program | Date 8/15/2008 | | |
| From | To | Survey (Wellbore) | Tool Name |
| (ft) | (ft) | | |
| 354.00 | 6,242.00 | Survey #1 (OH) | MWD |
| | | | Description |
| | | | MWD - Standard |

| | | | | | | | | | | |
|-----------------|--------------------|----------------|-----------------|--------------|--------------|-----------------|------------------|------------------|------------------|--|
| Survey | | | | | | | | | | |
| Measured | Inclination | Azimuth | Vertical | +N/-S | +E/-W | Vertical | Dogleg | Build | Turn | |
| Depth | (°) | (°) | Depth | (ft) | (ft) | Section | Rate | Rate | Rate | |
| (ft) | | | (ft) | | | (ft) | (°/100ft) | (°/100ft) | (°/100ft) | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 354.00 | 0.44 | 139.90 | 354.00 | -1.04 | 0.88 | 0.17 | 0.12 | 0.12 | 0.00 | |
| 385.00 | 0.29 | 86.81 | 385.00 | -1.13 | 1.03 | 0.25 | 1.14 | -0.48 | -171.26 | |
| 416.00 | 0.43 | 73.15 | 416.00 | -1.09 | 1.22 | 0.43 | 0.53 | 0.45 | -44.06 | |
| 447.00 | 0.66 | 79.55 | 446.99 | -1.02 | 1.51 | 0.71 | 0.77 | 0.74 | 20.65 | |
| 477.00 | 0.80 | 85.48 | 476.99 | -0.97 | 1.89 | 1.05 | 0.53 | 0.47 | 19.77 | |
| 508.00 | 1.02 | 63.79 | 507.99 | -0.84 | 2.35 | 1.51 | 1.31 | 0.71 | -69.97 | |
| 539.00 | 1.42 | 54.38 | 538.98 | -0.49 | 2.91 | 2.17 | 1.44 | 1.29 | -30.35 | |
| 569.00 | 1.82 | 58.59 | 568.97 | -0.03 | 3.62 | 3.02 | 1.39 | 1.33 | 14.03 | |
| 600.00 | 2.19 | 53.72 | 599.95 | 0.58 | 4.52 | 4.10 | 1.31 | 1.19 | -15.71 | |
| 631.00 | 2.55 | 56.58 | 630.92 | 1.31 | 5.57 | 5.38 | 1.22 | 1.16 | 9.23 | |
| 661.00 | 2.82 | 57.24 | 660.89 | 2.08 | 6.75 | 6.79 | 0.91 | 0.90 | 2.20 | |
| 692.00 | 3.07 | 56.13 | 691.85 | 2.95 | 8.08 | 8.38 | 0.83 | 0.81 | -3.58 | |

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
 Project: Duchesne County, UT NAD83 UTC
 Site: South Wells Draw N-10-9-16
 Well: South Wells Draw N-10-9-16
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
 TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
 MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Multi User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 723.00 | 3.63 | 51.81 | 722.80 | 4.02 | 9.54 | 10.19 | 1.98 | 1.81 | -13.94 |
| 754.00 | 4.01 | 54.06 | 753.73 | 5.27 | 11.19 | 12.25 | 1.32 | 1.23 | 7.26 |
| 784.00 | 4.39 | 54.12 | 783.65 | 6.56 | 12.97 | 14.44 | 1.27 | 1.27 | 0.20 |
| 815.00 | 4.71 | 53.42 | 814.55 | 8.01 | 14.95 | 16.90 | 1.05 | 1.03 | -2.26 |
| 846.00 | 5.27 | 53.50 | 845.43 | 9.61 | 17.12 | 19.59 | 1.81 | 1.81 | 0.26 |
| 876.00 | 6.04 | 52.63 | 875.28 | 11.39 | 19.48 | 22.54 | 2.58 | 2.57 | -2.90 |
| 907.00 | 6.57 | 54.19 | 906.10 | 13.42 | 22.21 | 25.94 | 1.80 | 1.71 | 5.03 |
| 939.00 | 7.16 | 54.19 | 937.87 | 15.66 | 25.31 | 29.76 | 1.84 | 1.84 | 0.00 |
| 970.00 | 7.53 | 56.07 | 968.61 | 17.92 | 28.57 | 33.72 | 1.42 | 1.19 | 6.06 |
| 1,002.00 | 7.74 | 58.82 | 1,000.33 | 20.21 | 32.15 | 37.97 | 1.32 | 0.66 | 8.59 |
| 1,034.00 | 8.12 | 57.67 | 1,032.02 | 22.53 | 35.90 | 42.38 | 1.29 | 1.19 | -3.59 |
| 1,066.00 | 8.53 | 59.89 | 1,063.69 | 24.93 | 39.86 | 47.01 | 1.63 | 1.28 | 6.94 |
| 1,097.00 | 8.98 | 61.77 | 1,094.33 | 27.23 | 43.99 | 51.72 | 1.72 | 1.45 | 6.06 |
| 1,129.00 | 9.50 | 61.13 | 1,125.91 | 29.69 | 48.50 | 56.84 | 1.66 | 1.62 | -2.00 |
| 1,161.00 | 9.93 | 60.79 | 1,157.45 | 32.31 | 53.22 | 62.23 | 1.36 | 1.34 | -1.06 |
| 1,192.00 | 10.28 | 60.73 | 1,187.97 | 34.96 | 57.97 | 67.66 | 1.13 | 1.13 | -0.19 |
| 1,224.00 | 10.60 | 59.31 | 1,219.44 | 37.86 | 62.99 | 73.45 | 1.28 | 1.00 | -4.44 |
| 1,256.00 | 11.02 | 59.36 | 1,250.87 | 40.92 | 68.15 | 79.44 | 1.31 | 1.31 | 0.16 |
| 1,287.00 | 11.42 | 59.00 | 1,281.28 | 44.01 | 73.33 | 85.47 | 1.31 | 1.29 | -1.16 |
| 1,319.00 | 12.00 | 57.28 | 1,312.61 | 47.44 | 78.84 | 91.96 | 2.12 | 1.81 | -5.37 |
| 1,351.00 | 12.43 | 56.22 | 1,343.89 | 51.16 | 84.50 | 98.73 | 1.52 | 1.34 | -3.31 |
| 1,383.00 | 12.55 | 55.38 | 1,375.13 | 55.05 | 90.23 | 105.65 | 0.68 | 0.37 | -2.62 |
| 1,414.00 | 12.51 | 55.82 | 1,405.39 | 58.85 | 95.78 | 112.37 | 0.33 | -0.13 | 1.42 |
| 1,446.00 | 12.36 | 55.43 | 1,436.64 | 62.74 | 101.46 | 119.26 | 0.54 | -0.47 | -1.22 |
| 1,478.00 | 12.69 | 56.48 | 1,467.88 | 66.62 | 107.22 | 126.20 | 1.25 | 1.03 | 3.28 |
| 1,509.00 | 13.09 | 56.80 | 1,498.10 | 70.42 | 112.99 | 133.12 | 1.31 | 1.29 | 1.03 |
| 1,541.00 | 13.18 | 56.70 | 1,529.26 | 74.41 | 119.07 | 140.39 | 0.29 | 0.28 | -0.31 |
| 1,573.00 | 13.36 | 56.35 | 1,560.41 | 78.46 | 125.20 | 147.73 | 0.62 | 0.56 | -1.09 |
| 1,605.00 | 13.21 | 56.15 | 1,591.55 | 82.55 | 131.31 | 155.09 | 0.49 | -0.47 | -0.62 |
| 1,636.00 | 13.45 | 56.02 | 1,621.72 | 86.54 | 137.25 | 162.23 | 0.78 | 0.77 | -0.42 |
| 1,668.00 | 13.29 | 56.67 | 1,652.85 | 90.64 | 143.40 | 169.63 | 0.69 | -0.50 | 2.03 |
| 1,763.00 | 12.74 | 57.07 | 1,745.41 | 102.33 | 161.32 | 191.03 | 0.59 | -0.58 | 0.42 |
| 1,858.00 | 12.90 | 54.17 | 1,838.04 | 114.23 | 178.71 | 212.09 | 0.70 | 0.17 | -3.05 |
| 1,953.00 | 12.77 | 53.70 | 1,930.67 | 126.66 | 195.77 | 233.17 | 0.18 | -0.14 | -0.49 |
| 2,048.00 | 13.90 | 54.73 | 2,023.11 | 139.46 | 213.55 | 255.05 | 1.22 | 1.19 | 1.08 |
| 2,143.00 | 12.80 | 55.15 | 2,115.54 | 152.06 | 231.50 | 276.97 | 1.16 | -1.16 | 0.44 |
| 2,238.00 | 13.95 | 55.31 | 2,207.96 | 164.59 | 249.55 | 298.94 | 1.21 | 1.21 | 0.17 |
| 2,333.00 | 12.98 | 53.33 | 2,300.35 | 177.48 | 267.53 | 321.03 | 1.13 | -1.02 | -2.08 |
| 2,428.00 | 12.84 | 57.72 | 2,392.95 | 189.49 | 285.01 | 342.24 | 1.04 | -0.15 | 4.62 |
| 2,523.00 | 13.17 | 61.26 | 2,485.51 | 200.33 | 303.42 | 363.58 | 0.91 | 0.35 | 3.73 |
| 2,619.00 | 11.59 | 60.53 | 2,579.28 | 210.34 | 321.41 | 384.12 | 1.65 | -1.65 | -0.76 |
| 2,714.00 | 13.70 | 60.49 | 2,671.97 | 220.58 | 339.51 | 404.87 | 2.22 | 2.22 | -0.04 |
| 2,809.00 | 12.86 | 60.68 | 2,764.43 | 231.29 | 358.52 | 426.65 | 0.89 | -0.88 | 0.20 |
| 2,904.00 | 13.84 | 59.54 | 2,856.86 | 242.23 | 377.53 | 448.55 | 1.07 | 1.03 | -1.20 |
| 2,999.00 | 13.57 | 63.43 | 2,949.16 | 252.98 | 397.29 | 470.98 | 1.01 | -0.28 | 4.09 |
| 3,095.00 | 12.53 | 61.67 | 3,042.68 | 262.96 | 416.53 | 492.55 | 1.16 | -1.08 | -1.83 |
| 3,190.00 | 12.47 | 58.00 | 3,135.42 | 273.28 | 434.30 | 513.07 | 0.84 | -0.06 | -3.86 |
| 3,285.00 | 13.28 | 54.34 | 3,228.04 | 285.08 | 451.87 | 534.23 | 1.21 | 0.85 | -3.85 |
| 3,380.00 | 13.08 | 50.61 | 3,320.54 | 298.26 | 469.04 | 555.81 | 0.92 | -0.21 | -3.93 |
| 3,475.00 | 14.07 | 50.27 | 3,412.88 | 312.47 | 486.23 | 577.97 | 1.05 | 1.04 | -0.36 |
| 3,570.00 | 12.64 | 48.51 | 3,505.31 | 326.73 | 502.90 | 599.72 | 1.56 | -1.51 | -1.85 |
| 3,665.00 | 11.56 | 47.24 | 3,598.20 | 340.08 | 517.67 | 619.38 | 1.17 | -1.14 | -1.34 |
| 3,760.00 | 10.47 | 49.42 | 3,691.45 | 352.16 | 531.22 | 637.32 | 1.23 | -1.15 | 2.29 |
| 3,856.00 | 10.85 | 55.79 | 3,785.79 | 362.91 | 545.31 | 655.00 | 1.29 | 0.40 | 6.64 |

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Wells Draw N-10-9-16
Well: South Wells Draw N-10-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well South Wells Draw N-10-9-16
TVD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
MD Reference: GL 5711.8' & RKB 12' @ 5723.80ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 3,951.00 | 10.40 | 58.21 | 3,879.16 | 372.46 | 560.00 | 672.51 | 0.67 | -0.47 | 2.55 |
| 4,037.00 | 11.32 | 58.06 | 3,963.62 | 381.01 | 573.76 | 688.71 | 1.07 | 1.07 | -0.17 |
| 4,132.00 | 10.80 | 59.55 | 4,056.86 | 390.46 | 589.34 | 706.93 | 0.62 | -0.55 | 1.57 |
| 4,227.00 | 10.33 | 59.39 | 4,150.25 | 399.30 | 604.35 | 724.33 | 0.50 | -0.49 | -0.17 |
| 4,322.00 | 11.46 | 60.71 | 4,243.53 | 408.26 | 619.91 | 742.26 | 1.22 | 1.19 | 1.39 |
| 4,417.00 | 12.13 | 61.10 | 4,336.53 | 417.70 | 636.88 | 761.63 | 0.71 | 0.71 | 0.41 |
| 4,512.00 | 11.21 | 61.60 | 4,429.56 | 426.92 | 653.74 | 780.79 | 0.97 | -0.97 | 0.53 |
| 4,607.00 | 10.12 | 58.40 | 4,522.92 | 435.68 | 668.97 | 798.34 | 1.31 | -1.15 | -3.37 |
| 4,716.00 | 11.13 | 59.77 | 4,630.05 | 446.00 | 686.22 | 818.42 | 0.96 | 0.93 | 1.26 |
| 4,811.00 | 9.59 | 60.21 | 4,723.50 | 454.54 | 701.01 | 835.48 | 1.62 | -1.62 | 0.46 |
| 4,906.00 | 9.13 | 60.52 | 4,817.24 | 462.19 | 714.44 | 850.90 | 0.49 | -0.48 | 0.33 |
| 5,001.00 | 8.02 | 62.16 | 4,911.17 | 468.99 | 726.86 | 865.03 | 1.20 | -1.17 | 1.73 |
| 5,096.00 | 7.23 | 59.66 | 5,005.33 | 475.10 | 737.88 | 877.60 | 0.90 | -0.83 | -2.63 |
| 5,192.00 | 5.48 | 61.03 | 5,100.74 | 480.38 | 747.10 | 888.20 | 1.83 | -1.82 | 1.43 |
| 5,287.00 | 4.15 | 67.59 | 5,195.40 | 483.88 | 754.25 | 896.11 | 1.51 | -1.40 | 6.91 |
| 5,382.00 | 3.49 | 72.82 | 5,290.19 | 486.05 | 760.19 | 902.27 | 0.78 | -0.69 | 5.51 |
| 5,477.00 | 2.54 | 84.60 | 5,385.06 | 487.10 | 765.05 | 906.92 | 1.19 | -1.00 | 12.40 |
| 5,572.00 | 2.38 | 115.52 | 5,479.97 | 486.45 | 768.93 | 909.81 | 1.39 | -0.17 | 32.55 |
| 5,667.00 | 2.21 | 124.65 | 5,574.90 | 484.56 | 772.21 | 911.54 | 0.42 | -0.18 | 9.61 |
| 5,762.00 | 2.19 | 142.48 | 5,669.83 | 482.08 | 774.83 | 912.37 | 0.72 | -0.02 | 18.77 |
| 5,858.00 | 2.12 | 148.58 | 5,765.76 | 479.11 | 776.87 | 912.47 | 0.25 | -0.07 | 6.35 |
| 5,953.00 | 1.96 | 152.60 | 5,860.70 | 476.17 | 778.53 | 912.26 | 0.23 | -0.17 | 4.23 |
| 6,048.00 | 1.94 | 161.37 | 5,955.65 | 473.20 | 779.79 | 911.70 | 0.31 | -0.02 | 9.23 |
| 6,143.00 | 1.95 | 169.35 | 6,050.59 | 470.09 | 780.61 | 910.69 | 0.29 | 0.01 | 8.40 |
| 6,191.00 | 2.20 | 170.65 | 6,098.56 | 468.38 | 780.91 | 910.01 | 0.53 | 0.52 | 2.71 |
| 6,242.00 | 2.20 | 170.65 | 6,149.52 | 466.44 | 781.22 | 909.22 | 0.00 | 0.00 | 0.00 |

Targets

Target Name

| - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|------------------|
| - Shape | | | | | | | | | |
| SWD N-10-9-16 | 0.00 | 0.00 | 5,200.00 | 479.01 | 737.00 | 7,188,263.73 | 2,029,540.31 | 40° 2' 43.094 N | 110° 6' 35.963 W |
| - actual wellpath misses target center by 18.21ft at 5290.40ft MD (5198.79 TVD, 483.98 N, 754.48 E) | | | | | | | | | |
| - Circle (radius 75.00) | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 354.00 | 354.00 | -1.04 | 0.88 | First MWD Survey |
| 6,242.00 | 6,149.52 | 466.44 | 781.22 | Projection to TD |

Checked By: _____ Approved By: _____ Date: _____